

VITA

BARBARA STERRETT PLAKE

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Education

University of Colorado	1968	B.A. Mathematics Minor - Psychology
University of Iowa	1972	M.A. Educational Statistics and Measurement
University of Iowa	1976	Ph.D. Educational Statistics and Measurement

Professional Experience

8/06-present	Independent Consultant, Psychometric Inquiries Responsibilities: Provide consultation to state and agencies on Psychometric practices, including serving on Technical Advisory Committees , conducting item writing workshops, and planning and Conducting standard setting workshops.
1/88-8/2006	Oscar and Luella Buros Center for Testing; Buros Institute of Mental Measurements, University of Nebraska-Lincoln Position: Director and W.C. Meierhenry Distinguished University Professor Responsibilities: Oversee and direct activities of Buros Center. Plan and Coordinate new programs within the Institute. Co-editor of <u>Mental Measurements Yearbook</u> and <u>Applied Measurement in Education</u> . Manage staff of 4 professionals and 2 secretarial positions. Teach graduate level statistics and measurement courses, carry out active research program, advise graduate students and faculty on research design and statistical analysis, advise and direct graduate programs for masters and doctoral level students.
8/81-8/88	University of Nebraska-Lincoln, Lincoln, Nebraska Position: Associate Professor Responsibilities: Teach graduate level statistics and measurement courses, carry out active research program, advise graduate students and faculty on research design and statistical analysis, advise and direct graduate programs for masters and doctoral level students.
8/77-8/81	University of Nebraska-Lincoln, Lincoln, Nebraska Position: Assistant Professor

Responsibilities: Teach graduate level statistics and measurement courses, carry out active research program, advise graduate students and faculty on research design and statistical analysis, advise and direct graduate programs for masters and doctoral level students.

- 6/76-8/77 American College Testing Program, Iowa City, Iowa
 Position: Research Associate, Test Development Dept.
 Responsibilities: Design, develop, and validate the College Mathematics Placement Program, evaluate research projects, proposal writing, statistical analysis, coordinator of data analysis FIPSE Educational Cognitive Style project.
- 9/73-6/76 Iowa Testing Programs
 University of Iowa, Iowa City, Iowa
 Position: Research Assistant (1/2 time) ITBS
 Responsibilities: Item development for Mathematics Concepts and Problem Solving subtests of ITBS, computer analysis, research support.
- 1/73-9/73 General Mills, Inc., Minneapolis, Minnesota
 Position: Computer Analyst-Statistical Consultant
 Responsibilities: Statistical support for research of chemical engineers; systems analysis, computer programming.
- 1/71-6/71 Conniston Junior High School, West Palm Beach, Florida
 Position: Mathematics teacher
 Responsibilities: Taught 9th grade algebra and basic mathematics, girls tennis coach.
- 6/68-12/71 Pratt & Whitney Aircraft
 East Hartford, Connecticut and West Palm Beach, Florida
 Position: Computer Analyst
 Responsibilities: Computer Analyst, support to aerospace engineers.

Professional Accomplishments

Tenure granted, University of Nebraska, 1982

Graduate Faculty Fellow, University of Nebraska, 1980

Grants obtained:

Computer Network, University of Nebraska, funds to develop and implement Computer Assisted Instrumental modules to complement a course in ANOVA, 1977-78.

Teaching/Learning Center, University of Nebraska, funds to develop and implement Correlational and Ex-Post Facto Research Modules as part of a team of module developers in Educational Research, 1980-81.

Environmental Protection Agency, funds to develop a computer program for test scoring, reporting, and revision, 1980-81.

Research Council, UN-L, funds for study "Investigation of the attributions of pro and anti-feminists about the applications of males and females to sex-identifiable fields," 1981-82.

Center for Research in Education, UN-L, "Do Biased Perceptions Exist in the Real World as Well?," 1982-84.

Research Council, UN-L, "Diagnosis and Remediation of Mathematics Problem Solving Errors," \$2300, 1985.

Research Council, UN-L, "Vertical Equating: Effects of Content and Method," \$300, 1985.

Kellogg Foundation, "National Survey of Educational Assessment Competencies of Educational Professionals" (Co-principal Investigator), \$25,000, 1990.

Kellogg Foundation, "Development of Standards for Competencies of School Administrators in Student Assessment" (Co-principal Investigator), \$15,500, 1990.

National Science Foundation, "Standard Setting on Complex Performance Assessment" \$300,000 (With Ronald K. Hambleton, Richard M. Jaeger, and Craig N. Mills), 1995-97.

Editorships and Reviewer Roles

Co-Editor, Tests in Print, 1999-2006.

Co-Editor, Mental Measurements Yearbook, 1996-2006.

Co-Editor, Applied Measurement in Education, 1986-2006.

Editor, Instructional Topics in Educational Measurement (NCME), 1985-1988.

Board of Editors, Journal of Psychoeducational Assessment, 1986-1991.

Board of Editors,

School Psychology Quarterly, 1997-2006

NCME Newsletter, 2002-2006

Computers in Human Behavior, 1985-1995.

Journal of Educational Measurement, 1990-1992.

American Educational Research Journal, 1983-1986.

Significant Perspectives, 1984-1995.

Journal of Teacher Education, 1991-1995.

NCME Paper Reviewer, 1982-present; program moderator, 1983-present, discussant, 1986-present.

AERA Division D paper reviewer 1979-present; Program Discussant/Moderator, 1979, 1985-present.

Guest Reviewer for:

Educational Psychology Review
School Psychology Review
Journal of Educational Psychology
Journal for Research in Mathematics Education
Journal of Educational Statistics
Educational Measurement: Issues and Practice
Educational and Psychological Measurement
Journal of Educational Measurement
Educational Assessment

Professional Service

National Research Council Committee on K-12 Science Assessment Model Team Leader 2003-2004.

National Research Council Committee on The Re-Design of the US Immigration Naturalization Tests, Co-Chair, 2004-2005

Content Review Panel; Charting a Course for School Improvement: Data Use. SERVE: Improving Learning through Research and Development.

National Research Council Committee on Teacher Testing and Teacher Quality, 1999-2000.

APA Committee on Psychological Tests and Assessment (CPTA), 1999-2001).

APA Division 5 Fellow Committee, 1997-1999, Chair 1998.

AERA, APA, NCME Joint Committee on Testing Standards Subcommittee on Computerized Adaptive Testing, 1995-Present.

Board of Overseers, Regents College, State University of the State of New York, 1995-1999.

NCME President, 1991-1992.

NCME Vice President, 1990-1991.

NCME Board of Directors, 1987-1993.

NCME Program Committee Chair, 1984.

AERA Professional Development and Training Committee, 1991-1994.

Secretary/Treasurer, AERA SIG/Professors of Educational Research, 1982-83;
 Chair, nominating committee, 1986-1988.

Secretary, Division D, AERA, 1983-85; Chair, Division D nominating committee, 1984-85.

AERA, Division D, 1996-97; Co-Chair Program Committee

Midwestern Educational Research Association President, 1992.

Midwestern Educational Research Association President Elect, 1991.

Midwestern Educational Research Association Program Chair, 1990.

Midwestern Educational Research Association Executive Committee, 1990-1994.

American Council on Education Test Review Team, 1985, 1987.

American Council on Education ATB Test Review, 1990-1992.

American Council on Education Chair Task Force on Guidelines
for Computerized Adaptive Test Development and Use in
Education, 1994-95

Appointed to GRE Advanced Education Test Committee, 1982-1987.

Consultant, American College Testing Programs, Act Assessment and Real Estate Programs.

ETS Visiting Committee, 1998, 1999, 2000

Board of Directors/Technical Advisory Committee

Professional Examination Service

Massachusetts Student Assessment System

National Board for Professional Teaching Standards

Law School Admissions Council

Connecticut Department of Education

Graduate Management Admissions Council

Virginia Department of Education

Maryland Department of Education

Nebraska Department of Education

Tennessee Department of Education

Washington Formative Assessment Technical Advisory Panel

Washington Competency Determination Options Advisory Panel

Texas TAC

South Dakota TAC

North Dakota TAC

Missouri Department of Education

Ontario, CA Provincial Assessment Program

NAEP Mathematics Frameworks for 2002 Assessment

National Board of Osteopathic Medicine

College Board Research Advisory Committee

Ethnics and Compliance Committee, GMAC

Assessment Counsel, Western Governors University

Educational Quality and Accountability Office, Ontario, CA

Psychometric Oversight Committee, American Institute of CPA (AICPA)

Board of Examiners, AIPCA

Technical Working Group, McREL

PARCC Technical Advisory Committee

GED Technical Advisory Committee

Psychometric Consultations

State of Nebraska Department of Health

State of Nebraska Department of Environmental Health
 State of Nebraska Department of Education
 Millard, Nebraska Public Schools
 Omaha, Nebraska Public Schools
 Lincoln, Nebraska Public Schools
 Seward, Nebraska Public Schools
 Beatrice, Nebraska Public Schools
 Wisner-Pilger Nebraska Public Schools
 Humbolt Nebraska Public Schools
 National Council of State Boards of Nursing
 IBM
 American Association of Poison Control Specialists
 American Board of Applied Toxicologists
 Graduate Management Admissions Council
 Educational Testing Service
 American College Testing
 Association for Investment Management and Research
 Gallup, Inc.
 Advanced Systems, Inc.
 Professional Examination Systems
 City College of New York
 Pennsylvania State Education Association
 Attorney General's office, State of Massachusetts
 College Board SAT Committee
 College Board AP Psychometric Advisory Team
 College Board R & D Advisory Committee
 CISCO Systems
 Association for Automotive Service Excellence
 Defense Language Institute
 Buros Center for Testing
 Alpine Testing Company
 South Carolina Department of Education

Awards and Honors

National Council on Measurement in Education, Career Award, 2006

Association of Test Publishers' Career Achievement Award, 2005

Commencement Address, University of Nebraska graduation, August, 2004

Recognition for "Your Role as a Faculty Member and Leader in the Field of Testing", Association of Test Publishers, 2002, 2003

Distinguished Lecturer, University of Nebraska-Lincoln, 1999.

Senior Research Advisor, The Gallup Organization, 1998 – 2003.

W. E. Coffman Distinguished Lecturer, University of Iowa, 1996.

Commissioned by National Academy of Sciences to prepare and present a report on Standard Setting Methods for Licensure and Certification, 1996.

W. C. Meierhenry Distinguished University Professor, 1996-present.

Fellow, American Psychological Association, Division 5, 1994-present.

Departmental Nominee for Distinguished Teaching Award, 1980 and 1981.

University of Nebraska Foundation Trustee's Award for Distinguished Teaching, 1987.

American Psychological Association Distinguished Teacher of Psychology nominee, 1984-85, 1985-86.

Elected to Psychonomic Society, 1985.

Summer Research Fellowship, UN-L, 1985.

Visiting scholar presentation, University of Virginia, April, 1987; University of Missouri, 1990.

Visiting scholar, Educational Testing Service, June-August, 1986.

Visiting researcher, American College Testing Programs, January-May, 1987.

Courses Taught

- Introduction to Statistics
- Advanced Statistics
- Non-Parametric Statistical Methods
- Multivariate Analyses
- Introduction to Educational Measurement and Evaluation
- Scaling Techniques
- Research Data Analysis
- Correlational and ExPost Facto Research Methods
- Advanced Educational Measurement
- Item Response Theory
- Advanced Measurement Issues
- Equating Methods

University Committees

- Scholarships and Fellowships
- Research Council
- Statistics Coordinating Committee
- Psychological and Cultural Studies Field Committee
- Resource Allocation/Reallocations
- Buros Advisory
- Travel Committee
- Graduate Committee, Department of Educational Psychology, 1994-88 Chair
- Executive Graduate Committee
- Coordinating Council
- Scholarly Publications
- Salary Committee
- Academy of Distinguished Professors

Executive Committee, Department of Educational Psychology
 Future Nebraska Task Force
 Gallup Research Center Advisory Committee, Chair
 Chancellor's Task Force on Gender Equity in Faculty Salaries, Chair
 Graduate Committee, Curriculum Committee Survey Research and Methodology
 University Distinguished Professors
 Search Committee, Senior Vice Chancellor Academic Affairs, 2003-2004

Workshops

UN-L Teaching/Learning Center

- a. Writing Objective Test Questions, Fall, 1986
- b. Analyzing Objective Test Questions, Spring, 1987
- c. Testing for Graduating Assistants, Fall, 1986, 1987, 1988
- d. Grading and Student Learning, Spring, 1988
- e. Assessing Student Learning, Fall, 1988
- f. Measuring Higher Order Thinking, Spring, 1992
- g. Measuring Problem Solving in Physical Science, Spring, 1993

Bellevue Public Schools - Interpreting Standardized Test Scores, Summer, 1986

Omaha Public Schools - Effects of Renorming on Standardized Test Scores, 1986

Lincoln Public Schools - Impact of IRT Test Development on CAT Test Scores and Administration, January, 1987

Seward High School - Assessment Methods, November, 1991 - April, 1992

Fremont Public Schools - Measuring Higher Order Thinking, April, 1993

Omaha Public Schools - Writing Objective Test Items, February and June 1994

Omaha Education Association & Omaha Public Schools -- Workshops on Interpreting Standardized Test Scores, January, 1994 (3 workshops for policy maker, news reporters and school administrators)

Milford Public Schools, Workshop on Interpreting Standardized Test Scores, October, 1995

Omaha Public Schools Omaha Instructional Process Assessment Committee – Evaluation of the Benchmark Assessment Program; Follow-up Dissagregation Analysis for the Benchmark Assessment Program Teacher Survey, February, 1996

Omaha School Board - A Study of the Potential for Using Benchmark Assessment Information for Making Title I Eligibility Decisions for Individual Students, February, 1996

Gallup, Inc. - Construct Validity Framework, February, 1996

Nebraska Department of Health - Test Development and Validation for the LPN-C Examination, May, 1996

Educational Service Unit #3, Fremont, NE - Interpreting Standardized Test Results, October, 1996

Gallup International Research and Education Center - Setting Performance Standards in Education and Employment, October, 1996

Sioux Falls, SD -- Interpreting test scores, October, 1997

Board of Education, State of Nebraska -- Assessment Workshop, May, 1998

Interpreting Test Score Results, February, 1998. Invited Workshop, Assessment Conference, Scottsbluff, NE

Assessment of Student Outcomes, Teachers College, March, 1998.

Validation in the 90's, April, 1998, American Board of Assessment Psychologists, Orlando, FL

Using Item Analysis to Improve Local Testing Programs. Sioux Falls, SD Schools, June, 1998

Nebraska Department of Education, Accountability and Assessment, July 1998
Student Outcomes Assessment, Center for Agricultural Studies, UNL, August, 1998.
Assessment and Accountability: Results of Feasibility Study. State of Nebraska,
Department of Education, Administrators Days, August, 1998 (Kearney, NE)
Writing Test Questions to Measure Higher Order Thinking, UNL, July, 1998
Indicators of Test Technical Quality, UNL, September, 1998
Implications of State's Assessment Model for Math and Science, State of Nebraska
Math and Science Initiative, September, 1998
Implications of the State's Accountability and Assessment Model for Educators,
Alliance, NE, October, 1998
Assessment and Accountability: NE Assessment Plan. Nebraska Council of School
Administrators, Lincoln, NE & Ogallala, NE, October 27-28, 1998
Omaha Public Schools Third Grade Reading Test, Omaha School Board, December,
1998
Teacher Assessment Literacy Workshop, Humboldt Public Schools, June 1999
Test Development Workshop, Wisner-Pilger, Tekamah-Herman, West Point Public
Schools, June, 1999; May 2000

Bibliography of Publications

Barbara S. Plake

Refereed Journals

Chang, S., Plake, B.S., Kramer, G.A., & Lien, S. (2011). Development and application of indices for measuring guessing behavior and test-taking effort in computerized adaptive testing. Educational and Psychological Measurement, 71, 437-459.

Huff, K., & Plake, B.S. (2010) Innovations in standard setting for test-based accountability. Interdisciplinary Research and Perspectives (8), 2-3, 130-144.

Plake, B.S., Huff, K., & Reshetar, R. (2010). ECD as a foundation for achievement level descriptors and standard setting. Applied Measurement in Education.

Plake, B.S. (2008). Standard setters: Stand up and take a stand! Educational Measurement: Issues and Practice, 27, 3-9.

Ferdous, A.A., & Plake, B.S. (2008). IRT-based approaches for computing minimum passing scores from an Angoff-based standard setting study. Educational and Psychological Measurement.

Rodeck, E.M., Chin, T., Davis, S.L., & Plake, B.S. (2008) Examining panelist data from a bilingual standard setting study. Journal of Applied Testing Technology, 3, www.testpublishers.org.

Davis, S.L., Buckendahl, C.W., & Plake, B.S. (2008). When adaptation is not an option: An application of multilingual standard setting. Journal of Educational Measurement, 45, 287-304.

Ferdous, A.A., Plake, B.S., & Chang, S. (2007). The effect of including pretest items in an operational computerized adaptive test: Do different ability examinees spend different amounts of time on embedded pretest items? Educational Assessment, 12, 161-173..

Giraud, G., Impara, J.C., & Plake, B.S. (2005). A qualitative examination of teachers' conception of the target examinee. Applied Measurement in Education, 18(3), 223-232.

Ferdous, A.A. & Plake, B.S. (2007). Item selection strategy for reducing the number of items rated in an Angoff standard setting study. Educational and Psychological Measurement, 67, 193-206.

Ferdous, A.A. & Plake, B.S. (2005a). Understanding the factors that influence decisions of panelists in a standard setting study. Applied Measurement in Education, 18(3), 257-267.

Ferdous, A.A., & Plake, B.S. (2005b). Use of subsets of test questions in an Angoff standard setting method. Educational and Psychological Measurement, 65(2), 185-201.

Plake, B.S., Impara, J.C., & Buckendahl, C.W. (2004). Technical quality criteria for evaluating district assessment portfolios used in Nebraska STARS. Educational Measurement: Issues and Practice, 25, 12-16

Buckendahl, C.W., Plake, B.S., & Impara, J.C. (2004). A strategy for evaluating district developed assessments for state accountability. Educational Measurement: Issues and Practice, 25, 17-26.

Buckendahl, C.W., Impara, J.C., & Plake, B.S. (2002), District accountability without a state assessment: A proposed model. Educational Measurement: Issues and Practice, 21, 6 – 16.

Plake, B.S., & Jones, P. (2002). The responsibilities of test sponsors, test developers, test administrators, and test takers in ensuring fair testing practices, Journal of Testing Technology, www.testpublishers.org/atpjournal.htm.

Plake, B. S. (2002). Evaluating the technical quality of high stakes tests used in K-12 education. Measurement and Evaluation in Counseling and Development, 35.

Buckendahl, C. W., Smith, R. W., Impara, J. C., & Plake, B. S. (2002). A comparison of Angoff and Bookmark standard setting methods. Journal of Educational Measurement, 39, 253-263.

Plake, B.S., & Impara, J.C. (2001). Ability of panelists to estimate item performance for a target group of candidates: An issue in judgmental standard setting. Educational Assessment, 7, 87-98.

De Ayala, R.J., Plake, B.S., & Impara, J.C. (2001). The effect of omitted response on ability estimation in IRT. Journal of Educational Measurement, 38, 213-234.

Plake, B.S., Impara, J.C., & Irwin, P.M. (2000). Consistency of Angoff-based predictions of item performance: Evidence of the technical quality of results from the Angoff standard setting method. Journal of Educational Measurement, 37, 347-356.

Hambleton, R.K., Jaeger, R.M., Plake, B.S., & Mills, C.N. (2000). Setting performance standards on complex educational assessments. Applied Psychological Measurement, 24, 355 – 366.

Plake, B.S. (in press). Review of Psychological Testing: Theory and Application. Journal of Psychoeducational Assessment.

Plake, B.S., & Bhola, D.S. (in press). Construct-validity framework for gathering validity evidence for the Gallup Structured Interview Process. The Gallup Research Journal.

Plake, B.S., & Hambleton, R.K. (2000). A standard setting method for use with complex performance assessments: Categorical assignments of student work. Educational Assessment, 6, 197-215.

Jonson, J.L., & Plake, B.S. (1998). A historical comparison of validity standards and validity practices. Educational and Psychological Measurement, 58, 736-753.

Plake, B.S. (1998). Setting performance standards for professional licensure and certification: Implications for National Assessment of Educational Progress. Applied Measurement in Education, 11, 65-80.

Impara, J.C., & Plake, B.S. (1998). Teachers' ability to estimate item difficulty: A test of the assumptions in the Angoff standard setting method. Journal of Educational Measurement, 35, 69-81.

Impara, J.C. & Plake, B.S. (1997). Standard setting: An alternative approach. Journal of Educational Measurement, 34, 353-366.

Plake, B.S., Impara, J.C., & Wise, V.L. (1997). Development and validation of professional development resource materials for teachers covering communicating and interpreting assessment results. Educational Measurement: Issues & Practice, 16, 19-24.

Plake, B.S., Hambleton, R.K., & Jaeger, R.M. (1997). A new standard-setting method for performance assessments: The dominant profile judgment method and some field test results. Educational and Psychological Measurement, 57, 400-412.

Roos, L.L., Wise, S.L., & Plake, B.S. (1997). The role of item feedback in self-adapted testing. Educational and Psychological Measurement, 57, 85-98.

Impara, J.C. & Plake, B.S. (1996). Professional development in student assessment for educational administrators: An Instructional Framework. Educational Measurement: Issues & Practice, 15 (2), 14-19.

Plake, B.S. (1995). The performance domain and the structure of the decision space. Applied Measurement in Education, 8, 1-14.

Plake, B.S. (1995). A integration and reprise: What we think we have learned. Applied Measurement in Education, 8, 85-92.

Hambleton, R.K. & Plake, B.S. (1995). Extended Angoff procedure to set standards on complex performance assessments. Applied Measurement in Education, 8, 41-56.

Plake, B.S., Wise, S.L., & Roos, L.L. (1995). Effects of informed item selection on test performance and anxiety for examinees administered a self-adapted test. Educational and Psychological Measurement, 55, 728-735.

Impara, J. C. & Plake, B. S. (1995). Comparing counselors', school administrators' and teachers' knowledge in student assessment. Measurement and Evaluation in Counseling and Development, 26, 78-87.

- Wise, S. L., Roos, L. L., Plake, B. S., and Nebelsick-Gullet, L. J. (1994). The relationship between examinee anxiety and preferences for self-adaptive testing. Applied Measurement in Education, 7, 81-91.
- Plake, B. S., Impara, J. C., & Potenza, M. T. (1994). Content specificity of expert judgments in a standard setting study. Journal of Educational Measurement, 31, 339-348.
- Roedel, T. D., Schraw, G., & Plake, B. S. (1994). Validation of a measure of learning and performance goal orientations. Educational and Psychological Measurement, 54, 1013-1021.
- Impara, J.C., Plake, B.S., & Merwin, J.C. (1994). Student assessment tasks and knowledge: Comparing superintendents and elementary and secondary principals. Journal of School Leadership, 4, 517-528.
- Plake, B. S. (1993). Assessment, instruction, advice: An interview with W. James Popham. MidWestern Educational Researcher, 6, 21-24.
- Plake, B. S. (1993) Applications of educational measurement: Is optimum optimal? Educational Measurement: Issues and Practice, 12, 5-10.
- Impara, J. C., Plake, B. S., & Fager, J. J. (1993) Educational administrators' and teachers' knowledge of classroom assessment. Journal of School Leadership, 3, 510-521.
- Plake, B. S., Impara, J. C., & Fager, J. J. (1993) Assessment competencies of teachers: A National survey. Educational Measurement: Issues and Practice, 12, 10-12.
- Impara, J. C., Plake, B. S., & Fager, J. J. (1993) Teachers' assessment background and attitudes toward testing. Theory into Practice, XXXII, 113-117.
- Plake, B. S. (1993) Teacher assessment literacy: Teachers' competencies in the educational assessment of students. MidWestern Educational Researcher, 6, 21-27.
- Wise, S. L., Plake, B. S., Johnson, P. L., & Roos, L. L. (1992). A comparison of self-adapted and computerized adaptive tests. Journal of Educational Measurement, 29, 329-339.
- Sodowsky, G. R., & Plake, B. S. (1992). Acculturation options of international people and implications for sensitivity to within group differences. Journal of Counseling and Development, 71, 53-59.
- Conoley, C. W., Plake, B. S., & Kemmerer, B. E. (1991). Issues in computer-based test interpretive systems. Computers in Human Behavior, 7, 97-101.
- Plake, B. S., & Kane, M. T. (1991). Comparison of methods for combining the minimum passing levels for individual items into a passing score for a test. Journal of Educational Measurement, 28, 249-256.

Brennan, R. L., & Plake, B. S. (1991). Survey of programs and employment in educational measurement: A summary. Educational Measurement: Issues and Practice, 10, 32.

Sodowsky, G. R., & Plake, B. S. (1991). Psychometric properties of the American-International Relations Scale. Educational and Psychological Measurement, 51, 207-216.

Plake, B. S., Conoley, J. C., Kramer, J. J., & Murphy, L. U. (1991). The Buros Institute of Mental Measurement: Commitment to the tradition of excellence. Journal of Counseling and Development, 69, 449-455.

Sodowsky, G. R., & Plake, B. S. (1991). Moderating effects of sociocultural variables on the acculturation attitudes of Hispanics and Asian American. Journal of counseling and Development, 70, 194-204.

Johnson, K. M., Gutkin, T. B., & Plake, B. S. (1991). The use of modeling to enhance children's interrogative strategies. Journal of School Psychology, 29, 81-88.

Plake, B. S., Mills, C. N., & Melican, G. J. (1991). Factors influencing intrajudge consistency during the standard setting process. Educational Measurement: Issues and Practice, 15-25.

Johnson, P. L., Roos, L. L., Wise, S. L., & Plake, B. S. (1991). Correlates of examinee item choice behavior in self adaptive testing. MidWestern Educational Researcher, 4, 25-28.

Leung, S. A., & Plake, B. S. (1990). A choice dilemma approach for examining the relative importance of sex type and prestige preferences in the process of career choice compromise. Journal of Counseling Psychology, 37(4), 399-406.

Reineke, R. S., & Plake, B. S. (1990). An equity perspective on teacher incentive plans. Journal of Personnel Evaluation in Education, 3, 321-324.

Wise, S. L., & Plake, B. S. (1990). Computer-based testing in higher education. Measurement and Counseling in Guidance, 23, 3-10.

Kim, H., Plake, B. S., Wise, S. L., & Novak, C. D. (1990). A longitudinal study of sex-related item bias in mathematics subtests of the California Achievement Test. Applied Measurement in Education, 3, 275-284.

Conoley, C. W., Plake, B. S., & Kemmerer, B. E. (1990). Developing and applying creative evaluation criteria to computer-based tests. SCORE, 5-6.

Plake, B. S., & Wise, S. L. (1989). Computer-based achievement testing. Educational Measurement: Issues and Practice, 8, 5-10.

Wise, S. L., Plake, B. S., Pozehl, B. J., Boettcher, L. L., & Lukin, L. E. (1989). Providing item feedback in computer-based tests: Effects of initial success and failure. Educational and Psychological Measurement, 49, 479-486.

Wise, S. L., Boettcher, L. L., Harvey, A. L., & Plake, B. S. (1989). Computer-based testing versus paper-and-pencil testing: Effects of computer anxiety and computer experience. Applied Measurement in Education, 2, 235-242.

Plake, B. S., & Melican, G. J. (1989). Effect of item context on intrajudge consistency of expert judgments via the Nedelsky standard setting method. Educational and Psychological Measurement, 49, 45-51.

Plake, B. S. (1989). Utility of Buros Institute of Mental Measurements' products and programs for educational researchers. Significant Perspectives, 12, 3-5.

Plake, B. S. (1988). Application of readability indices to multiple choice items on certification and licensure examinations. Educational and Psychological Measurement, 48, 543-551.

Plake, B. S., Patience, W. M., & Whitney, D. R. (1988). Differential item performance in mathematics achievement test items: Effect of item arrangement. Educational and Psychological Measurement, 48, 885-890.

Plake, B. S., Wise, S. L., & Harvey, S. L. (1988). Test taking behavior under formula and number right scoring conditions. Bulletin of the Psychonomic Society, 26, 316-318.

Plake, B. S. (1988). Buros Institute in the 1990's. Proceedings of the 1988 Military Testing Association, 30, 390-394.

Ansorge, C. J., Wise, S. L., & Plake, B. S. (1987). Evaluation of statistical software for microcomputers: A model. Computers in Human Behavior, 3, 73-78.

Plake, B. S., & Harvey, A. L. (1980). Review of GANOVA: A General Personal Computer Program for Univariate and Multivariate Analysis of Variance. Computers in Human Behavior, 3, 78-82.

Plake, B. S. (1987). Sex differences in early adolescents: Measurement and methodology review (invited paper). Journal of Early Adolescence, 7, 139-142.

Plake, B. S., Gutkin, T. B., & Wise, S. L. (1987). Confirmatory factor analyses of the WAIS-R: Competition of models. Journal of Psychoeducational Assessment, 3, 267-272.

Plake, B. S., Murphy-Berman, V., Dersheid, L. E., Gerber, R. W., Miller, S. K., Speth, C. A., & Tomes, R. E. (1987). Access decisions by personnel directors: Subtle forms of sex bias in hiring. Psychology of Women Quarterly, 11, 255-264.

Wise, S. L., Plake, B. S., Eastman, L. E., & Novak, C. D. (1987). Introduction and training of students to use separate answer sheets: Effects on standardized test scores. Psychology in the Schools, 24, 255-264.

Ebrite, L., & Plake, B. (1986). Secondary health occupations: Implications for program development. Journal of Health Occupations Education, 1, 42-50.

- Plake, B. S., & Wise, S. L. (1986). Dynamics of guessing behavior: Between group vs. within group designs. Bulletin of the Psychonomic Society, 24, 251-253.
- Plake, B. S., Kaplan, B. S., & Steinbrunn, J. (1986). Sex-role orientation, level of cognitive development, and mathematics performance in late adolescence. Adolescence, 21, 607-613.
- Speth, C. A., & Plake, B. S. (1986). Assessment of positive sex-role characteristics. Educational and Psychological Measurement, 46, 443-447.
- Wise, S. L., Plake, B. S., Eastman, L. A., Boettcher, L. L., & Lukin, M. E. (1986). The effect on test performance and anxiety on using examinee- selected item ordering in a computer-administered mathematics test. Computers in Human Behavior, 2, 21-29.
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- Plake, B. S. (1980). A comparison of a statistical and subjective procedure to ascertain item validity: One step in the test validation process. Educational and Psychological Measurement, 40, 397-404.
- Plake, B. S., Hoover, H. D., & Loyd, B. H. (1980). An investigation of the Iowa Tests of Basic Skills for sex bias: A developmental look. Psychology in the Schools, 17(1), 47-52.
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- Plake, B. S., & Hoover, H. D. (1979). The comparability of the discrepancy between in-level and out-of-level grade equivalents. Journal of Educational Measurement, 16(4), 271-278.
- Plake, B. S. (1979). An interpretation of scores from norm-based individualized testing using the Iowa Tests of Basic Skills. Psychology in the Schools, 16(1), 8-13.

Paper Presentations

International

- Plake, B.S. (March, 2004). Standards based assessment. Invited keynote address at the National Tainan Teachers College 2004 International Conference on NTNTC EMC: Technology based testing and standards-based assessment, Tainan, Taiwan.
- Plake, B.S. (March, 2004). Standard setting with high-stakes assessments. Invited keynote address at the National Tainan Teachers College 2004 International Conference on NTNTC EMC: Technology based testing and standards-based assessment, Tainan, Taiwan
- Plake, B.S. (June, 2002). Standards for Test Quality: Applications to Computer-based Tests. Presented at the International Testing Committee's conference, Winchester, England.

Impara, J.C., & Plake, B.S. (June, 2002). Alignment Studies with Computerized-Adaptive Tests. Presented at the International Testing Committee's conference, Winchester, England.

Plake, B.S., (October, 1997). Computerized Adaptive testing: Applications to the Graduate Management Admissions Test. GMAT Conference on New Testing Directions, Paris, France.

Plake, B.S., & Bhola, D.S. (June, 1996). Construct-validity framework for gathering validity evidence for the Gallup Structured Interview Process. Paper presented at the Gallup World Conference, Lincoln, NE.

Impara, J.C., & Plake, B.S. (July, 1994). Strengthening Administrators' Assessment Competencies. Invited presentation at the First International Conference on Classroom Assessment: The Key to Unlocking Student Achievement. Portland, OR.

Plake, B. S., & Hoover, H. D. (1977). An Analytical Method of Identifying Biased Test Items, paper presented at the Third International Symposium on Educational Testing, Leyden, The Netherlands.

National

Huff, K. & Plake, B.S. (May, 2010). Innovations in standard setting for test-based accountability. American Educational Research Association, Denver, CO.

Plake, B.S. (May, 2010). Assuring accessibility for specific groups: Test design, development, and administration. In *Revising the Joint Standards: Fair and Accessible Assessments for All Individuals*, Invited Session, Division D, American Educational Research Association, Denver, CO

Plake, B.S. (May, 2010). Discussant Comments: Division D Exemplary Work from Promising Researchers. American Educational Research Association, Denver, CO

Plake, B.S. (May, 2010). Format and Publication Options. In NCME Invited Symposium, Update on the Revisions to the Standards for Educational and Psychological Testing. National Council on Measurement in Education, Denver, CO.

Plake, B.S. (May, 2010). View for the Top of the Mountain. Invited Symposium, National Council on Measurement in Education, Denver. CO

Rodeck, E., Plake, B.S., & Zeller, K. (2009). Summarizing importance and frequency scales for a high-stakes credentialing examination. National Council on Measurement in Education, San Diego, CA.

Plake, B.S., Huff, K., & Reshetar, R. (April, 2009). ECD as a foundation for achievement level descriptors and standard setting. National Council on Measurement in Education, San Diego, CA.

Plake, B.S. (April, 2009). A review of the AERA/APA/NCME Test Standards and students with disabilities. National Council on Measurement in Education, San Diego, CA.

Chang, S., Plake, B.S., & Lien, S., (March, 2008). Development and Applications of Detection Indices for Measuring Guessing Behaviors and Test-taking ability in Computerized Adaptive Testing. National Council on Measurement in Education, New York City, NY.

Rodeck, E.M., Chin, T., Davis, S.L., & Plake, B.S. (April, 2007). Examining panelists' evaluations and cut scores in a standard setting study. National Council on Measurement in Education, Chicago, IL.

Plake, B.S. (April, 2007). Should the AERA, APA, NCME Standards for educational and psychological testing be ISO certified? National Council on Measurement in Education, Chicago, IL.

Chang, S., Plake, B.S., & Lien, S. (April, 2007). Response time patterns (RTP) of different ability examinees at different pretest locations. American Educational Research Association, Chicago, IL.

Ferdous, A.A., & Plake, B.S. (April, 2007). Non-parametric IRT-based approaches for validating cutscores. American Educational Research Association, Chicago, IL.

Ferdous, A.A., & Plake, B.S. (April, 2007). Inter-Judge Inconsistency Index for Mixed, Yes/No, and Bookmark Standard Setting Procedures. National Council on Measurement in Education, Chicago, IL.

Plake, B.S. (April, 2007). Standard setters: Stand up and take a stand! 2006 Career Award Presentation, National Council on Measurement in Education, Chicago, IL.

Plake, B.S. (February, 2007). Effects of pretest items in a CAT: Issues of fairness. Association of Test Publishers, Palm Springs, CA.

Ferdous, A.A., Plake, B.S., & Nering, M. (April, 2006). Factors that influence judges' decisions in a standard setting study. National Council on Measurement in Education, San Francisco, CA.

Chang, S., Ferdous, A.A., & Plake, B.S. (April, 2006). Testing fairness and test taking strategies on correct and incorrect response times on pretest and operational items on CAT. American Educational Research Association, San Francisco, CA.

Ferdous, A.A. & Plake, B.S. (April, 2005). Fairness Issue of Including Pretest Items on an Operational CAT Test. American Educational Research Association, Montreal, CA.

Chang, S., Ferdous, A.A., & Plake, B.S. (April, 2005). Response Times for Correct and Incorrect Item Responses on Computerized Adaptive Tests as a

Function of Examinee Characteristics. American Educational Research Association, Montreal, CA.

Eckhout, T.A., Plake, B.S., & Smith, D. (April, 2005). An alignment methodology for aligning extended standards to core content standards. American Educational Research Association, Montreal, CA.

Plake, B.S. & Ferdous, A.A, (April, 2005). A new standard setting approach with item mapping strategies. American Educational Research Association, Montreal, CA.

Ferdous, A.A. & Plake, B.S. (April, 2005). The utility of a three-stage item selection strategy for reducing the number of items rated in an Angoff standard setting study. National Council on Measurement in Education, Montreal, CA.

Ferdous, A.A., & Plake, B.S/ (April, 2004). Panelists' perceptions during an Angoff standard setting workshop. National Council on Measurement in Education, San Diego, CA.

Plake, B.S. (April, 2004). Standard setting with innovative assessment designs. National Council on Measurement in Education, San Diego, CA.

Plake, B.S. (June, 2004). Setting standards across grades 3 through 8: it is more than choosing the right method. Large-scale Assessment Conference; CCSSO, Boston, MA.

Plake, B.S. (June, 2004). Comparability of a computerized delivery and paper-and pencil administration of Virginia's SOL High School Examinations; Discussant Comments. Large-scale Assessment Conference, CCSSO, Boston, MA.

Plake, B.S. Setting cutscores using item-level MPLs. (February, 2003). Association of Test Publishers, Amelia Island, FL.

Ferdous, A.A., & Plake, B.S. (April, 2003). The use of subsets of test questions in an Angoff standard setting method. National Council on Measurement in Education, Chicago, IL.

Plake, B.S. (February, 2002). Who's representing the examinee? Invited presentation at the Association of Test Publisher's conference, Carlsbad, CA.

Plake, B.S. (April, 2002). Issues in standard setting for large-scale assessment programs. Presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.

Plake, B.S. (April, 2002). Borderline groups survey method for setting performance standards: Discussant comments. Presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.

Plake, B.S. (September, 2002). Assessment and NCATE. Invited Presentation to the NCATE General Assembly, Washington, DC

Plake, B.S. (August, 2001). Evaluating the technical quality of high stakes tests used in education, American Psychological Association Invited Address, San Francisco, CA.

Plake, B.S. (April, 2001) Chair Session # 25.65: Creating Classroom and Large Scale Assessments that Enhance Instructional Decision Making. Session presented at the annual meeting of the American Educational Research Association, Seattle.

Hambleton, R.K., Plake, B.S., & Englehard, G. (April, 2001). Contributions to the setting of educational standards. Paper presented in Session #39.25, Memorial for Richard M. Jaeger at the annual meeting of the American Educational Research Association, Seattle.

Buckendahl, C.W., Impara, J.C., & Plake, B.S. (April, 2001). Computing composite scores for accountability: A validation of Nebraska's District Evaluation Model. Paper presented at the annual meeting of the American Educational Research Association, Seattle, WA.

Buckendahl, C.W., Plake, B.S., & Impara, J.C. (April, 2001). A comparison of Angoff and Bookmark standard setting methods. Paper presented at the annual meeting of the National Council on Measurement in Education, Seattle WA.

Impara, J.C., Plake, B.S., & Buckendahl, C.W. (June, 2000). The comparability of norm-referenced achievement tests as they align to Nebraska's language arts content standards. Large Scale Assessment Conference, Snowbird, UT.

Plake, B.S., Buckendahl, C.W., & Impara, J.C. (June, 2000). A comparison of publishers' and teachers' perspectives on the alignment of norm-referenced tests to Nebraska's language arts content standards. Large Scale Assessment Conference, Snowbird, UT.

Buckendahl, C.W., Impara, J.C., & Plake, B.S. (June, 2000). Evaluating district performance without a common assessment: Nebraska's accountability model. Large Scale Assessment Conference, Snowbird, UT.

Impara, J.C. ,& Plake, B.S. (April, 2000). A Comparison of cut scores using multiple standard setting methods. American Educational Research Association, New Orleans, LA.

Irwin, P.M., Plake, B.S., & Impara, J.C. (April, 2000). Validity of item performance estimates from an Angoff standard setting study. American Educational Research Association, New Orleans, LA.

De Ayala, R.J., Plake, B.S., Impara, J.C., & Kozmicky, M. (April, 2000). The effect of omitted responses on ability estimation in IRT. American Educational Research Association, New Orleans, LA.

Impara, J.C., Giraud, G. & Plake, B.S. (April, 2000). The influence of providing target group descriptors when setting a passing score. American Educational Research Association, New Orleans, LA.

Buckendahl, C.W., Plake, B.S., Impara, J.C., & Irwin, P.M. (April, 2000). Alignment of standardized achievement tests to state content standards: A comparison of publishers' and teachers' perceptions. National Council on Measurement in Education, New Orleans, LA.

Plake, B.S., Impara, J.C., Irwin, P.M. (April, 1999). Validation of Angoff-based predictions of item performance. American Educational Research Association, Montreal, CANADA.

Plake, B.S., Impara, J.C., & Buckendahl, C. (April, 1999). Setting minimum passing scores on high-stakes assessments that combine selected and constructed response formats. American Educational Research Association, Montreal, CANADA.

Plake, B.S. (December, 1998). Analytic judgment standard setting method. SCAC Task Force, Council of chief State School Officers, New Orleans, LA.

Plake, B.S. (September, 1998). Using item response time and item response vectors for innovative score reporting in computerized testing: Discussant comments. Conference on Computerized Testing sponsored by Educational Testing Service.

Impara, J.C., Plake, B.S., Hertzog, M., Giraud, G., & Spies, R. (April, 1998). Utility of a concept-focusing strategy on judgmental standard setting results. American Educational Research Association, San Diego, CA.

Mills, C.N., Plake, B.S., Jaeger, R.M., & Hambleton, R.K. (April, 1998). Categorical assignment of student work: Issues, comparisons, and directions for future development. American Educational Research Association, San Diego, CA.

Plake, B.S., & Giraud, G. (April, 1998). Effect of a modified Angoff strategy for obtaining item performance estimates in a standard setting study. American Educational Research Association, San Diego, CA.

Plake, B.S., Impara, J.C., Spies, R., Hertzog, M., & Giraud, G. (April, 1998). Setting performance standards on polytomously scored assessments: An adjustment to the extended Angoff method. American Educational Research Association, San Diego, CA.

Plake, B.S., & Hambleton, R.K. (April, 1998). Categorical assignments for student work: An analytical standard setting method for complex performance assessments with multiple performance categories. American Educational Research Association, San Diego, CA.

Impara, J.C. & Plake, B.S. (April, 1998). Issues in standard setting. Invited roundtable. American Educational Research Association, San Diego, CA.

Impara, J.C., & Plake, B.S. (March, 1997). Standard Setting: An alternative approach. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Hambleton, R.K., & Plake, B.S. (March, 1997). An Anchor-based procedure for setting standards on performance assessments. American Educational Research Association, Chicago, IL.

Mills, C.N., Plake, B.S., Hambleton, R.K., & Jaeger, R.M. (March, 1997). A comparison of the anchor-based and holistic procedures for setting standards on performance assessments: Lessons learned. American Educational Research Association, Chicago, IL.

Fager, J.J., Plake, B.S., & Impara, J.C. (March, 1997). Examining teacher educator's knowledge of classroom assessment: A Pilot. National Council on Measurement in Education, Chicago, IL.

Plake, B.S. (November, 1996). Setting performance standards for professional licensure and certification. Presented to the Committee on the Evaluation of State and National Assessment of Educational Progress, National Academy of Sciences, Washington, DC.

Plake, B.S. (April, 1996). A Tribute to Brenda H. Loyd: Her Teaching, Research and Service. Presented at the annual meeting of the National Council on Measurement in Education, New York, NY.

Plake, B.S. & Impara, J.C. (April, 1996). Intrajudge Consistency Using the Angoff Standard Setting Method. Paper presented at the annual meeting of the National Council on Measurement in Education, New York, NY.

Impara, J.C. & Plake, B.S. (April, 1996). Teachers' Ability to Estimate Item Difficulty: A Test of the Assumptions in the Angoff Standard Setting Method. Paper presented at the annual meeting of the National Council on Measurement in Education, New York, NY.

Impara, J.C. & Plake, B.S. (April, 1996). Professional development in student assessment for educational administrators: An instructional framework. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Plake, B.S. & Zara, A. (November, 1995). Are you ready to use a computerized adaptive test (CAT) for certification? Eight guidelines to help you decide. Paper presented at the annual meeting of the American Society of Association Executives, Chicago, IL.

Plake, B.S., Hambleton, R.K. & Jaeger, R.M. (April, 1995). A New Standard-Setting Method for Performance Assessments: The Dominant Profile Judgment Method and Some Field-Test Results. Paper presented at the American Educational Research Association annual meeting, San Francisco, CA.

Jaeger, R.M., Hambleton, R.K., & Plake, B.S. (April, 1995). Eliciting Configural Performance Standards Through a Sequential Application of Complementary Methods. Paper presented at the American Educational Research Association annual meeting, San Francisco, CA.

Impara, J.C., & Plake, B.S. (April, 1995). Professional Development in Student Assessment for Educational Administrators: A Conceptual Framework. Paper

presented at the American Educational Research Association annual meeting, San Francisco, CA.

Plake, B.S., Impara, J.C., Leland, Vicki L. (April, 1995). Development and Validation of Professional Development Resource Materials for Teachers in the Area of Communicative and Interpreting Assessment Results. Paper presented at the National Council on Measurement in Education annual meeting, San Francisco, CA.

Plake, B.S. (April, 1995). Future Directions for Research in Computerized Adaptive Testing: Variations on a Theme by Birnbaum. Invited presentation at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.

Plake, B.S. (April, 1994). Development of the Standards. In NCME's Invited Symposium: Joint Committee on Competency Standards in Student Assessment for Educational Administrators Update: Open Hearing on Proposed Standards. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B.S. (April, 1994). Development of Teacher Assessment Training Prototype in Communicating Test Results. In NCME's invited Symposium: Materials and Strategies for Teaching Teachers About Classroom Assessment. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Wise, S.L., Roos, L.L., & Plake, B.S. (April, 1994). Comparing Computerized Adaptive Testing and Self-Adapted Tests: The Influence of Examinee Locus of Control. Paper presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.

Kim, H. & Plake, B.S. (April, 1994). The Effect of Overlapping Items on Measurement Accuracy and Efficiency of Two-Stage Testing in Comparison to CAT. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B.S., Wise, S.L., & Roos, L.L. (April, 1994). Effects of Informed Item Selection on Test Performance and Anxiety for Examinees Administered a Self-Adapted Test. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B.S. (April, 1994). The Performance Domain and the Structure of the Decision Space. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B.S. (April, 1994). An Integration and Reprise: What We Think We Have Learned. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Hambleton, R.K. & Plake, B.S. (April, 1994). Using an Extended Angoff Procedure to Set Standards on Complex Performance Assessments. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Narayanan, P., Hambleton, R.K., & Plake, B.S. (April, 1994). Two-Stage Testing as an Approximation to Computer-Adaptive Testing. Paper presented at the American Educational Research Association Annual Meeting, New Orleans, LA.

Plake, B. S. (April, 1993). Outcomes-based Assessment: Issues in Process and Practice. Paper presented at the Coordination and Improvement of Vocational Education Conference, Lincoln, NE.

Wise, S. L., Roos, L. L., Plake, B. S., & Nebelsick-Gullet, L. (April, 1993). The Role of Anxiety in Examinee Preference for Self-adaptive Testing. Paper presented at the annual meeting of the American Educational Research Association, Atlanta, GA.

Jaeger, R. M., Plake, B. S., & Hambleton, R. K. (April, 1994). Integrating Multidimensional Performances and Setting Performance Standards. Paper presented in the Symposium: Advances in the Psychometrics of Performance Assessment: Old Problems - New Strategies for the National Board of Professional Teaching Standards. American Educational Research Association, Atlanta, GA.

Plake, B. S. (April, 1993). Next Steps in Adopting the Standards. Paper presented in the Symposium: Competency Standards for Educational Administrators in Assessing Students: Progress in Developing Standards. National Council on Measurement in Education, Atlanta, GA.

Plake, B. S. & Impara, J. C. (April, 1993). Status of the Development of Training Modules. Paper presented in the Invited Symposium: Teacher Assessment Literacy: Development of Training Materials. National Council on Measurement in Education, Atlanta, GA.

Kim, H. & Plake, B. S. (April, 1993). Monte Carlo Comparison of an IRT-based Two-Stage Testing and Computerized Adaptive Testing. Paper presented at the annual meeting of the National Council on Measurement in Education, Atlanta, GA.

Plake, B. S. (June, 1993). Alternative Assessment: Promises, Practices, Problems and Pitfalls. Keynote address. Performance Assessment Conference, Lincoln, NE.

Plake, B. S. & Impara, J. C. (June, 1993). Developing Assessment Literacy. Paper presented at the National Education Association annual meeting, San Francisco, CA.

Plake, B. S. (April, 1994). Development of the Standards. In NCME's Invited Symposium: Joint Committee on Competency Standards in Student Assessment for Educational Administrators Update: Open Hearing on Proposed Standards.

Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B. S. (April, 1994). Development of Teacher Assessment Training Prototype in Communicating Test Results. In NCME's Invited Symposium: Materials and Strategies for Teaching Teachers About Classroom Assessment. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Wise, S. L., Roos, L. L., & Plake, B. S. (April, 1994). Comparing Computerized Adaptive Testing and Self-Adapted Tests: The Influence of Examinee Locus of Control. Paper presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.

Kim, H. & Plake, B. S. (April, 1994). The Effect of Overlapping Items on Measurement Accuracy and Efficiency of Two-Stage Testing in Comparison to CAT. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B. S., Wise, S. L., & Roos, L. L. (April, 1994). Effects of Informed Item Selection on Test Performance and Anxiety for Examinees Administered a Self-Adapted Test. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B. S. (April, 1994). The Performance Domain and the Structure of the Decision Space. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Plake, B. S. (April, 1994). An Integration and Reprise: What We Think We Have Learned. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Hambleton, R. K. & Plake, B. S. (April, 1994). Using an extended Angoff Procedure to Set Standards on Complex Performance Assessments. In NCME's Invited Symposium: Setting Performance Standards on Complex Performance Assessments: Three Methods, Preliminary Results, and an Analytic Critique. Paper presented at the National Council on Measurement in Education annual meeting, New Orleans, LA.

Narayanan, P., Hambleton, R. K., & Plake, B. S. (April, 1994). Two-Stage Testing as an Approximation to Computer-Adaptive Testing. Paper presented at the American Educational Research Association Annual Meeting, New Orleans, LA.

Plake, B. S. & Impara, J. C. (April, 1992). Teacher competency levels on the NEA, NCME, AFT competency standards. Invited Symposium: Survey of Teacher Competencies in Educational Assessment of Students to Inform Training Material Development, A Kellogg Grant Project involving NCME, NEA,

and AFT. Paper presented at the National Council on Measurement in Education annual meeting, San Francisco, CA.

Plake, B. S. (April, 1992). Project overview and context. Invited symposium: Report of the Task Force on the Development of Standards for Administration in the Assessment of Students, A Kellogg Grant Project involving NCME, AASA, NAESP, NASSP, National Council in Measurement in Education annual meeting, San Francisco, CA.

Plake, B. S. (April, 1992). Commercially available instrumentation: A resource for educational resources. Symposium: Sources for Locating Test Information. National Council on Measurement in Education annual meeting, San Francisco, CA.

Roos, L. L. & Plake, B. S. (April, 1992). The effects of feedback in computerized adaptive and self-adaptive tests. Paper presented at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.

Plake, B. S. (April, 1992). Applications of Educational Measurement: Is Optimum Optimal? Presidential address, National Council on Measurement in Education, San Francisco, CA.

Plake, B. S. & Impara, J. C. (June, 1992). Educational assessment of students by teachers: current competency levels and training needs. Large-scale Assessment Conference, Boulder, CO (two presentations - Plake did training needs; Impara did current competency levels).

Plake, B. S., & Impara, J. C. (February, 1991). Implication of performance assessment on educational training needs of teachers. Paper presented at the Michigan State Testing conference, Ann Arbor, MI.

Sodowsky, G. R., Plake, B. S., & Lai, E. (August, 1991). Acculturation options of international people and implications for sensitivity to within group differences. Paper presented at the annual meeting of the American Psychological Association, San Francisco, CA.

Wise, S. L., Plake, B. S., Johnson, P. L., & Roos, L. L. (April, 1991). A comparison of self-adaptive and algorithmic adaptive achievement tests. Paper presented at the American Education Research Association, Chicago, IL.

Johnson, P. L., Roos, L. L., Wise, S. L., & Plake, B. S. (April, 1991). Correlates of examinee item choice Behavior in Self-adaptive testing. Paper presented at the American Educational Research, Chicago, IL.

Plake, B. S. (June, 1990). Utility of Buros Institute's Managers. Paper presented at the International Personnel Managers Association, San Diego, CA.

Lukin, L. E., & Plake, B. S. (April, 1990) Confidence testing: Effects of gender and mode of administration. American Educational Research Association, Boston, MA.

Wheeler, B. J., & Plake, B. S. (April, 1990). The use of dense items, constructed using error analysis, in a computerized diagnostic program in mathematics. National Council on Measurement in Education, Boston, MA.

Wise, S. L., Johnson, P. L., Plake, B. S., & Nebelsick-Gullet, L. (April, 1990). Providing examinees the opportunity to review items, skip items, and change item choices on computerized achievement tests, National Council on Measurement in Education, Boston, MA.

Conoley, C. W., Plake, B. S., & Kemmerer, B. E. (August, 1989). Developing and applying evaluative criteria to computer-based tests. American Psychological Association, New Orleans, LA.

Sodowsky, G. R., & Plake, B. S. (August, 1989). Development of the American-International Relations Scale. American Psychological Association, New Orleans, LA.

Gutkin, T. B., Johnson, K. M., & Plake, B. S. (August, 1989). Children's interrogative strategies: Cognitive and age-related aspects of acquisition. American Psychological Association, New Orleans, LA.

Plake, B. S., Melican, G. J., & Mills, C. N. (March, 1989). Maintenance of intrajudge stability during the standard setting process. National Council on Measurement in Education, San Francisco, CA.

Plake, B. S., Melican, G. J., & Mills, C. N. (April, 1988). Accuracy of option elimination prediction: Effect of a technique to improve rater agreement. National Council on Measurement in Education, New Orleans, LA.

Wise, S. L., Plake, B. S., Pozehl, B. J., Boettcher, L. L., & Lukin, L. E. (April, 1988). Providing item feedback in computer-based testing: Effect of initial success and failure. National Council on Measurement in Education, New Orleans, LA.

Kane, M. T., & Plake, B. S. (April, 1988). Comparison of three methods for combining the minimum passing score for a test. American Educational Research Association, New Orleans, LA.

Plake, B. S. (April, 1987). Application of Readability Indices to Multiple-Choice Items on Certification/Licensure Examinations: National Council on Measurement in Education, Washington, DC.

Miller, S. K., Plake, B. S., & Patience, W. M. (April, 1987). Differential Item and Test Performance Between Males and Females on a Mathematics Examination: The Influence of Item Arrangements. National Council on Measurement in Education, Washington, DC.

Melican, G. J., Mills, C. N., & Plake, B. S. (April, 1987). Accuracy of Item and Performance Predictions Based on the Nedelsky Standard Setting Method. National Council on Measurement in Education, Washington, DC.

Wise, S. L., & Plake, B. S. (April, 1987). Statistical Tests for Identifying Prerequisite and Equivalence Relations in Ordering Analysis. National Council on Measurement in Education, Washington, DC.

Plake, B. S., & Kemmerer, B. K. (April, 1987) Evaluation of Statistical Software for Microcomputers: STATGRAPHICS. American Educational Research Association, Washington, DC.

Loyd, B. H., & Plake, B. S. (April, 1987). Vertical Equating: Effects of Model, Method, and Content Domains. American Educational Research Association, Washington, DC.

Wise, S. L., Plake, B. S., Boettcher, L. L., Eastman, L. E., & Lukin, M. E. (April, 1987). The Effects of Item Feedback on Test Performance and Anxiety in a Computer-Administered Test. American Educational Research Association, Washington, DC.

Wise, S. L., Boettcher, L. L., Harvey, A. L., & Plake, B. S. (April, 1987). Computer-Based Testing Versus Paper and Pencil Testing: Effects of Computer Anxiety and Computer Experience. American Educational Research Association, Washington, DC.

Speth, C. A., & Plake, B. S. (August, 1986). Access decisions as a function of job level: A subtle source of sex bias. American Psychological Association, Washington, DC.

Plake, B. S. (April, 1986). Differential Item Performance: Test Construction Issues. National Council on Measurement in Education, San Francisco, CA.

Plake, B. S., Wise, S. L., & Harvey, A. L. Investigations of Test Taking Behavior: Complementary Research Approaches. National Council on Measurement in Education, San Francisco, CA.

Wise, S. L., Plake, B. S., Eastman, L. A., Boettcher, L. L., & Lukin, M. E. (April, 1986). The Effects of Test Performance and Anxiety of Using Examinee-Selected Item Ordering in a Computer-Administered Mathematics Test. National Council on Measurement in Education, San Francisco, CA.

Plake, B. S., & Melican, G. M. (April, 1986). Effect of Item Context on Intrajudge Accuracy of Experts Judgments via Judgmental Standard Setting Methods. National Council on Measurement in Education, San Francisco, CA.

Bond, S. C., Plake, B. S., Wise, S. L., & Wright, D. L. (April, 1986). Student Evaluation of Instructional Effectiveness: Student Course, and Instructor Effects. American Educational Research Association, San Francisco, CA.

Speth, C. A., Miller, S. K., & Plake, B. S. (April, 1986). Causal Attributions for Success in Hiring Decisions. American Educational Research Association, San Francisco, CA.

Plake, B. S., & Harvey, A. L. (April, 1986). Evaluation of Microcomputer Software: GANOVA American Educational Research Association, San Francisco, CA.

- Plake, B. S., Gutkin, T. B., Wise, S. L., & Kroeten, T. (August, 1985). *Confirmatory Factor Analysis: Competition of Models*. American Psychological Association, Los Angeles, CA.
- Speth, C. A., & Plake, B. S. (August, 1985). *Positive Sex Role Inventory*. American Psychological Association, Los Angeles, CA.
- Derscheid, L. E., Gerber, R. W., Miller, S. K., Murphy-Berman, V., Plake, B. S., Speth, C. A., & Tomes, R. E. (August, 1985). *Access Decisions by Personnel Directors: Subtle Forms of Sex Bias in Hiring*, Los Angeles, CA.
- Plake, B. S. & Wise, S. L. (April, 1985). *Dynamics of Guessing Behavior: Within Group Designs*. National Council on Measurement in Education, Chicago, IL.
- Plake, B. S., Anson, C. A., & Miller, S. K. (April, 1985). *Effects of Item Arrangement and Subject Gender on Test Performance: In Search of an Explanation of Differential Performance by Males and Females on Easy-to-Hard Arrangements*. National Council on Measurement in Education, Chicago, IL.
- Olson, J. F., Plake, B. S., & Wise, S. L. (April, 1985). *Correlates and Causes of Mathematics Anxiety: A Path Analytic Approach*. American Educational Research Association, Chicago, IL.
- Harvey, A. L., Plake, B. S., & Wise, S. L. (April, 1985). *Factors Related to Statistics Achievement*. American Educational Research Association, Chicago, IL.
- Anson, C. A., Plake, B. S., & Wise, S. L. (April, 1985). *Evaluation of the Quality of Microcomputer Statistical Software: Are the Educational Researcher's Needs Being Met?* American Educational Research Association, Chicago, IL.
- Wise, S. L., Plake, B. S., & Duncan, A. L. (April, 1985). *Effects of the Introduction of Separate Answer Sheets on the Standardized Test Scores of Third Graders*. American Educational Research Association, Chicago, IL.
- Melican, G. J., & Plake, B. S. (April, 1985). *Are Correction for Guessing and Nedelsky's Standard Setting Methods Compatible?* National Council on Measurement in Education, New Orleans, LA.
- Huntley, R. M., & Plake, B. S. (April, 1984). *An Investigation of Multiple Response Option Multiple Choice Items: Item Performance and Complexity*, National Council on Measurement in Education, New Orleans, LA.
- Plake, B. S., Gutkin, T. G., & Kroeten, T. (August, 1983). *Confirmatory Factor Analysis of the WISC-R: Plausibility of Models*. American Psychological Association, Anaheim, CA.
- Harding, R. E., & Plake, B. S. (April, 1983). *ANCOVA or RANCOVA: Experimental Conditions for Appropriate Utilization*. American Educational Research Association, Montreal, CANADA.

Plake, B. S., Spech, C. S., Powers-Alexander, S. & Galvin, G. (April, 1983). Attributions of Success in College Women - Effort or Luck? American Educational Research Association, Montreal, CANADA.

Major, H., & Plake, B. S. (April, 1983). Gender-linked Perceptions and Causal Attributions of Female/Male Competencies. American Educational Research Association, Montreal, CANADA.

Bukacek, S., Smith, E. P., Phifer, S. J., & Plake, B. S. (April, 1983). Role Appropriateness of Educational Fields: Bias in Selection. American Educational Research Association. Montreal, CANADA.

Plake, B. S., & Phifer, S. J. (April, 1983). A Validity Investigation of the Bias in Attitude Survey. National Council on Measurement in Education, Montreal, CANADA.

Plake, B. S., Melican, G. J., Carter, L., & Shaughnessy, M. (April, 1983). Differential Performance of Males and Females on Easy-to-Hard Item Arrangement: Influence of Feedback at the Item Level. National Council on Measurement in Education, Montreal, CANADA.

Benton, S. L., Glover, J. A., & Plake, B. S. (August, 1982). Facilitating Elaborative Writing. American Psychological Association, Washington, DC.

Plake, B. S., Piersel, W. C., Reynolds, C. R., & Harding, R. E. (March, 1982). The Influence of Ethnic Group Membership on the Structure of Attitudes Toward Reading. American Educational Research Association, New York, NY.

Plake, B. S., Smith, E. P., Langley, J., & Kaplan, B. J. (March, 1982). Factors Related to Mathematics Achievement at the College Level. American Educational Research Association, New York, NY.

Reynolds, C. R., Plake, B. S., & Harding, R. E. (March, 1982). Groups by Item Interaction in the Assessment of Children's Anxiety Levels: Effects of Race and Sex on Item Responses. American Educational Research Association, New York, NY.

Kaplan, B. J., Plake, B. S., & Langley, J. (March, 1982). The Relationship of Piagetian Operations and Sex-Role Orientation to Sex Differences in Mathematics. American Educational Research Association, New York, NY.

Plake, B. S., & Ansorge, C. J. (March, 1982). Effects of Item Arrangement and Sex of the Subject on Cognitive and Perception Scores of an Educational Psychology Examination. National Council on Measurement in Education, New York, NY.

Plake, B. S., & Parker, C. S. (March, 1982). The Development and Validation of a Revised Version of the Mathematics Anxiety Rating Scale. National Council on Measurement in Education, New York, NY.

Huntley, R. M., & Plake, B. S. (April, 1981). An Investigation of Student Sensitivity to Cues in a Grammatically Consistent Stem and Set of Alternatives. American Educational Research Association, Los Angeles, CA.

Jean, P. J., Plake, B. S., & LaFromboise, T. (April, 1981). Salient Issues: A New Technique to Measure the Effectiveness of Sex-Role Awareness Programs. American Educational Research Association, Los Angeles, CA.

Plake, B. S. (April, 1981). "Evaluation of Modules" in Symposium "An Interdisciplinary Modular Approach to Teaching Educational Research" (organized by B. Plake), American Educational Research Association, Los Angeles, CA.

Plake, B. S., & Johnson, C. W. (April, 1981). Interactive Study Lessons to Complement ANOVA., American Educational Research Association, Los Angeles, CA.

LaFromboise, T., & Plake, B. S. (April, 1981). Culturally Relevant Training for the Educational Needs of American Indians. American Educational Research Association, Los Angeles, CA.

Plake, B. S., Smith, B. P., & Damsteegt, D. C. (April, 1981). A Validity Investigation of the Achievement Anxiety Test. National Council on Measurement in Education, Los Angeles, CA.

Plake, B. S., Lowry, S. R., Ansorge, C. J., & Parker, C. S. (April, 1981). Number Right Scores as a Function of Item Arrangement, Knowledge of Arrangement, and Test Anxiety. National Council on Measurement in Education, Los Angeles, CA.

Kaplan, B. S., & Plake, B. S. (March, 1981). Why are Women's Mathematics Scores Inconsistent With Their Other Cognitive Achievement? Association for Women in Psychology, Boston, MA.

Plake, B. S., & Kaplan, B. S. (August, 1980). Sex-role Orientation, Level of Cognitive Development, and Mathematics Performance. American Psychological Association, Montreal, CANADA.

Plake, B. S., Reynolds, C. R., & Gutkin, T. B. (August, 1980). Comparing Profile Variability Across Independent Groups. American Psychological Association, Montreal, CANADA.

Plake, B. S., & Kaplan, B. J. (August, 1980). Equations and Equality: Sex Differences on Formal Operations and Mathematics. American Psychological Association, Montreal, CANADA.

Zimmer, J., Glover, J., & Plake, B. S. (August, 1980). Training Students to Use Adjunct Aids. American Psychological Association, Montreal, CANADA.

Plake, B. S., Thompson, P. A., & Lowry, S. (March, 1980). Number Right and Elimination Score as a Function of Item Arrangement, Knowledge of Arrangement, and Test Anxiety, National Council on Measurement in Education, Boston, MA.

Huntley, R. M., & Plake, B. S. (March, 1980). Effect of Selected Item-Writing Practices on Test Performance: Can Relevant Grammatical Cues Result in Flawed Items? American Educational Research Association. Boston, MA.

Plake, B. S. (April, 1979). An Investigation of a Reviewer's Ability to Identify Items which Function Differentially for Selected Groups of Subjects. National Council on Measurement in Education, San Francisco, CA.

Plake, B. S. (March, 1978). The Assignment of an Achievement Test Level Based on the Child's Instructional Level. National Society for Performance and Instruction, San Francisco, CA.

Plake, B. S. (April, 1978). An Evaluation of the Relationship Between Educational Cognitive Style Measures and Educational Outcomes. National Council on Measurement in Education, Toronto, CANADA.

Plake, B. S., Hoover, H. D., & Loyd, B. H. (April, 1978). An Investigation of Differential Item Performance by Sex on the Iowa Tests of Basic Skills. National Council on Measurement in Education, Toronto, CANADA.

Plake, B. S., & Hoover, H. D. (April, 1978). A Methodology for Identifying Biased Achievement Test Items that Removes the Confounding in an Items by Groups Interaction due to Possible Group Differences in Instructional Level. American Educational Research Association, Toronto, CANADA.

Plake, B. S. (March, 1977). The Comparability of Equal Raw Scores for Children at Different Grade Levels: An Issue in "Out-of-Level Testing." National Council on Measurement in Education, New York, NY.

Hoover, H. D., & Plake, B. S. (February, 1973). An Empirical Comparison of Selected Two Sample Hypothesis Testing Procedures Which Are Most Powerful Under Certain Conditions. American Educational Research Association, New Orleans, LA.

Regional

Ferdous, A.A., Plake, B.S., & Chang, S. (October, 2004). Fairness issues of including pretest items on an operational CAT. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Custer, WY.

Chang, S., Plake, B.S., & Ferdous, A.A. (October, 2004). Response times for correct and incorrect item responses on computerized adaptive tests as a function of examinee characteristics. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Custer, WY.

Buckendahl, C.W., Plake, B.S., & Impara, J.C. (October, 2001). A strategy for evaluating district developed assessments for state accountability. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago.

Spies, R.A., Plake, B.S., Buckendahl, C.W., & Impara, J.C. (October, 2001). An examination of enhanced teacher feedback in standard settings: Two case

studies from the middle school curriculum. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago.

Buckendahl, C.W., Plake, B.S., & Impara, J.C. (October, 2000). Computing composite scale scores for accountability: A validation study. Midwestern Educational Research Association, Chicago, IL.

Buckendahl, C.W., Smith, R.W., Impara, J.C., & Plake, B.S. (October, 2000). A comparison of Angoff and Bookmark standard setting methods. Midwestern Educational Research Association.

Coleman, M.J., & Plake, B.S. (October, 1999). Teacher perceptions of standards and assessments. Midwestern Educational Research Association, Chicago, IL.

Buckendahl, C., Plake, B.S., Impara, J.C., Speis, R., & Giraud, G. (October, 1999). Feasibility of using multiple assessments to measure student performance on state content standards. Midwestern Educational Research Association, Chicago, IL.

Smith, J.E., Impara, J.C., & Plake, B.S. (October, 1998). Using IRT created models of ability in standard setting. Midwestern Educational Research Association, Chicago, IL.

Plake, B.S., & Giraud, G. (October, 1997). Effect of a modified Angoff strategy for obtaining item performance estimates in a standard setting study. MidWestern Educational Research Association, Chicago, IL.

Plake, B.S., Impara, J.C., Hertzog, M., Giraud, G., Speis, R.A. (October, 1997). Utility of a concept-focusing strategy on judgmental standard setting results. MidWestern Educational Research Association, Chicago, IL.

Plake, B.S., Impara, J.C., Hertzog, M., Giraud, G., Spies, R.A. (October, 1997). Setting performance standards on polytomously scores assessments: An adjustment to the extended Angoff method. MidWestern Educational Research Association, Chicago, IL.

Giraud, G., Impara, J.C., Plake, B.S., Hertzog, M., Spies, R.A. (October, 1997). Cutscore validity in a public school setting. MidWestern Educational Research Association, Chicago, IL.

Plake, B.S., & Impara, J.C. (October, 1997). Interjudge consistency with Angoff item performance estimates. MidWestern Educational Research Association, Chicago, IL.

Jonson, J.L. & Plake, B.S. (October, 1996). An historical comparison of validity standards and validity practices. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago, IL.

Plake, B.S. (October, 1995). A New Breed of CATs. Invited keynote presentation at the annual meeting of the Georgia Educational Research Association, Atlanta, GA.

Smith, J.E., Castle, R., Cooper, M., Impara, J.C., & Plake, B.S. (October, 1995). The Influence of Familiarity with Test Items on Standard Setting. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago, IL.

Castle, R. & Plake, B.S. (October, 1995). Effects of Skewed Pretest and Posttest Marginal Distributions on the Dependent T Test and the Wilcoxon Signed Rank Test. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago, IL.

Plake, B.S. & Impara, J.C. (February, 1994). Assessment Literacy for Teachers. Paper presented at the Michigan School Testing Conference, Ann Arbor, MI.

Impara, J.C. & Plake, B.S. (February, 1994). Competency Standards in Student Assessment for Educational Administrators. Paper presented at the Michigan School Testing Conference, Ann Arbor, MI.

Jaeger, R. M., Plake, B. S., & Hambleton, B. S. (January, 1993). Designs for Setting Standards on Multidimensional Performance Assessments. Paper presented at the annual meeting of the North Carolina Association for Research in Education, Chapel Hill, NC.

Bhola, D. S. & Plake, B. S. (October, 1993). Setting an Optimum Time Limit for a Computer-administered Test. Paper presented at the annual meeting of the MidWestern Educational Education Association, Chicago, IL.

Bhola, D. B., Plake, B. S. & Bruning, R. H. (October, 1993). Look Inside the Black Box: A Proposal for Weighting Items for Cognitive Processing Demands. Paper presented at the annual meeting of the MidWestern Educational Research Association, Chicago, IL.

Impara, J. C., Moore, L. A., & Plake, B. S. (October, 1993). A comparison of the student assessment functions of rural and urban educational administrators. Paper presented at the MidWestern Educational Research Association, Chicago, IL.

Plake, B. S. (February, 1992). Promise and potential of Buros Institute of Mental Measurements for educational researchers. Paper to be presented at the annual meeting of the Virginia Educational Research Association, Richmond, VA.

Plake, B. S. & Impara, J. C. (February, 1992). Teachers' knowledge of student assessment - The National scene. Paper to be presented at the annual meeting of the Michigan State Testing Association, Ann Arbor, MI.

Impara, J. C. & Plake, B. S. (February, 1992). Measurement training and modes of inservice preferred by teachers: Results of a national survey of teachers. Virginia Educational Research Association, Richmond, VA.

Plake, B. S. (October, 1992). Teacher Assessment Literacy: Teachers' Competencies in the Educational Assessment of Students. MidWestern Educational Research Association, Chicago, IL.

Impara, J. C., Plake, B. S. & Fager, J. J. (October, 1992). Educational Administrators' and Teachers' Knowledge of Assessment Practices. MidWestern Educational Research Association, Chicago, IL.

Plake, B. S. (September, 1990). Cautions regarding assessment trends in the 90's. Paper presented at the Fall conference. Nebraska Association for Supervision and Curriculum Development (Invited), Lincoln, NE.

Plake, B. S. (October, 1989). Buros Institute of Mental Measurements: Programs and Products for Educational Researchers. Midwestern Educational Research Association, Chicago, IL.

Lukin, L. E., Nebelsick-Gullet, L., Pozehl, B., Barnes, L. B., & Plake, B. S. (October, 1989). The Nebraska Evaluation and Research Center: A model for consultation. Midwestern Educational Research Association, Chicago, IL.

Wheeler, B. J., & Plake, B. S. (October, 1989). The use of dense items, constructed using cognitive error analysis, in a computerized diagnostic and remediation program in mathematics. Midwestern Educational Research Association, Chicago, IL.

Barnes, L. B., & Plake, B. S. (October, 1989). Variance-weighting of evaluation responses: Maximizing information for formative interpretations. Midwestern Educational Research Association, Chicago, IL.

Plake, B. S., Reineke, R., & Willson, V. (October, 1988). An alternative scoring system for rating scales: Personal discrepancy index. Midwestern Educational Research Association, Chicago, IL.

Plake, B. S. (February, 1988). The Buros Institute of Mental Measurements in the 1990's: The Dream Evolves. Invited presentation, Michigan School Testing Conference, Ann Arbor, MI.

Plake, B. S., & Wise, S. L. (February, 1988). Flexibility and Feedback in Computer-Based Testing: Friends or Foes to Educational Measurement. Invited presentation, Michigan School Testing Conference, Ann Arbor, MI.

Plake, B. S., & Wise, S. L. (October, 1987). Examinee Selection of Subsequent Item Difficulty: Effects of Current Item Performance and Item Feedback. Midwestern Educational Research Association, Chicago, IL.

Kim, H., Plake, B. S., Wise, S. L., & Novak, C. (October, 1987). A Longitudinal Study of Sex-Related Item Bias in Mathematics Subtests of the California Achievement Test. Midwestern Educational Research Association, Chicago, IL.

Plake, B. S., Wise, S. L., Eastman, L. A., & Novak, C. C. (October, 1986). Introduction and Training of Students to Use Separate Answer Sheets: Effects on Standardized Test Scores. Midwestern Educational Research Association, Chicago, IL.

Berman, V. M., Derscheid, L. E., Gerber, R. W., Major, H., Miller, S. K., Plake, B. S., Speth, C. A., & Tomes, R. (December, 1984). A Study of Access Decisions

by Personnel Directors: Subtle Forms of Sex Bias in Hiring Decisions. Iowa Educational Research and Evaluation Association, Cedar Rapids, IA.

Kaplan, B. J., & Plake, B. S. (March, 1983). Visual/Verbal Analogies and Level of Cognitive Development, Eastern Psychological Association, Philadelphia, PA.

Plake, B. S., & Major, H. (November, 1982). Female and Male Competence: How Does the Rater Perceive the Ratee?, Iowa Educational Research and Evaluation Association, Cedar Rapids, IA.

Plake, B. S., & Phifer, S. J. (November, 1982). A Validity Investigation of the Bias in Attitude Survey, Iowa Educational Research and Evaluation Association, Cedar Rapids, IA.

Smith, E. P., & Plake, B. S. (November, 1982). Perceptions of Competency and Charm as a Function of Rater and Applicant Variables, Iowa Educational Research and Evaluation Association, Cedar Rapids, IA.

Powers-Alexander, S., Galvin, G., & Plake, B. S. (November, 1982). What Luck! . . . Or Was It Skill? Causal Attributions in Explaining Competence. Iowa Educational Research and Evaluation Association, Cedar Rapids, IA.

Plake, B. S., & Parker, C. S. (November, 1981). A Validity Investigation of a Revised Version of the Mathematics Anxiety Rating Scale, Iowa Educational Research and Evaluation Association, Des Moines, IA.

Plake, B. S., Piersel, W. C., Reynolds, C. R., & Harding, R. E. (November, 1980). Content Validity on the Boehm Test of Basic Concepts: An Investigation of Item Bias, Iowa Educational Research and Evaluation Association, Iowa City, IA.

Plake, B. S., Thompson, P. A., & Lowry, S. (September, 1979). Effects of Item Arrangement, Knowledge of Arrangement and Anxiety on Test Scores, Student Perceptions, and Selected Test Characteristics, Rocky Mountain Education Research Association, Tucson, AZ.

Johnson, C. W., & Plake, B. S. (February, 1979). "Effectiveness of Interactive CAI Study Lessons as a Complement to an Advanced Statistical Methods Course, Midwestern Educational Research Association, Detroit, MI.

Plake, B. S., & Seefeldt, F. M. (September, 1978). The Effect of Item Arrangement and Response Set on Total Test Score and on Students' Opinions of the Test, Rocky Mountain Educational Research Association, Albuquerque, NM.

Plake, B. S., & Johnson, C. W. (January, 1978). Interactive Study Lessons for Analysis of Variance, Computer Concepts in Education Conference, University of Nebraska, Lincoln, NE.

Plake, B. S., & Hoover, H. D. (March, 1978). A Methodology for Identifying Biased Test Items that Takes Ability Level into Account. Eastern Educational Research Association, Williamsburg, VA.

Plake, B. S. (March, 1978). Are the Same Raw Scores Equal in Meaning? Nebraska Academy of Sciences, Washington, DC.

Other

Plake, B.S., Impara, J.C., & Buckendahl, C.W. (August, 2003). Setting Performance Standards on the South Dakota STEP Tests in Reading and Mathematics in Grades 3, 4, 5, 6, 7, 8, and High School. Final Report submitted to the South Dakota Department of Education.

Plake, B.S. (April, 2003). South Dakota STEP Post Alignment Report. South Dakota Department of Education.

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Professional Affiliations

American Psychological Association, Division 5, Fellow

Society for Industrial and Organizational Psychology

American Educational Research Association (AERA), Division D Mentoring Committee; Division H

National Council on Measurement in Education (NCME), Past President's Committee

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