

Darrell L. Sabers May 15, 2010
 Educational Psychology, College of Education (Education 609), University of Arizona
 Tucson, Arizona 85721 Phone: (520) 621-7828 Fax: (520) 621-2909
 Born: 1936 in Salem, South Dakota Married: Donna Schultz Sabers (since 1961)
 Offspring: David (1962), Dawn (1963), Derek (1964), Darin (1969)
 Address: 65565 E. Canyon Drive, SaddleBrooke, AZ 85739-3028 (520) 818-9440

CURRENT PROFESSIONAL POSITIONS

Professor, Educational Psychology, University of Arizona, 1971 (1976) -
 Consulting Editor, Journal of Psychoeducational Assessment, 1985-
 Consulting Editor, Psychology in the Schools, 2005-
 Principal Investigator, USDOE subaward with University of California, Berkeley, 2005-
 Evaluator, First Job Project, Youth Education Security and local school districts, 2007-

EDUCATION

1955 Nettleton Commercial College (Sioux Falls, SD), Accounting.

1962 Dakota State University (Madison, SD), B.S. in Education;
 majors in Mathematics and Physical Education, minor in Social Studies.

1963 Adams State College (Alamosa, CO), M.A., Mathematics.

1967 University of Iowa (Iowa City, IA), Ph.D., Educational Measurement and Statistics.
 Dissertation: A Study of Predictive Validity of the Iowa Algebra Aptitude Test for Prognosis in
 Ninth Grade Modern Mathematics and Traditional Algebra (Director: L. S. Feldt).

WORK EXPERIENCE

2005- Professor, Educational Psychology, College of Education, University of Arizona.

2003-2005 Professor and Head, Educational Psychology, College of Education, University of
 Arizona.

1999-2002 Professor, Educational Psychology, College of Education, University of Arizona.

1996-1999 Professor and Head, Educational Psychology, College of Education, University of
 Arizona.

1976-1996 Professor, Educational Psychology, College of Education, University of Arizona.

1982,1984 Director of Research and Statistics and Chief Consultant, Tests and Services Division,
 Merrill Publishing Co. (Leave of absence from University of Arizona).

1976 Director, Evaluation and Examination Service, (Summer) University of Iowa.
 Temporary position supervising staff in charge of course evaluation, test processing, and
 research.

1971-1976 Associate Professor, Educational Psychology, College of Education, University of
 Arizona.

- 1970-1971 Associate Professor, College of Education, University of Iowa.
Assistant Director, Bureau of Educational Research and Service.
- 1967-1970 Assistant Professor, College of Education, University of Iowa.
Assistant Director, Bureau of Educational Research and Service.
- 1966-1967 Instructor, College of Education, University of Iowa.
- 1965-1967 Research Assistant, Bureau of Educational Research and Service, University of Iowa.
Director of Test Development.
- 1954-1965 Private, . . ., First Lieutenant, National Guard and Army Reserve (artillery). Computer,
Fire Direction Officer, and Forward Observer.
- 1964-1965 Teacher, University High School, Iowa City. Taught mathematics.
- 1963-1964 Special Research Assistant, College of Education, University of Iowa. Assisted research
in modern mathematics and wrote items for the Iowa Testing Program.
- 1962-1963 Teacher, Alamosa (CO) High School. Taught mathematics.
- 1962-1963 Graduate Assistant, Adams State College. Taught mathematics and educational
psychology.
- 1955-1961 Manager, Sabers Food Mart, Salem, SD.

ADMINISTRATIVE EXPERIENCE

- 1996-1999, 2003-2005 Head, Department of Educational Psychology, University of Arizona.
- 2000-2001 Liaison with EDP EDL/Marana Concentration.
- 1981-1984 Director of Research and Statistics, Merrill Publishing Company.

HONORS

- 1987 Outstanding Alumnus of Adams State College
- 1991 Arizona Educational Research Organization--Recognition for Outstanding Contribution to
Educational Research
- 1994 Summer Session "Excellence in Teaching Award," University of Arizona
- 2001 Distinguished Alumnus, Dakota State University
- 2005 BUROS Institute of Mental Measurements Distinguished Reviewer /award

ELECTED POSITIONS: PAST

- Governing Board: Amphitheater School District (Tucson)
Member (1979-1981) Clerk (1981)

Board of Directors: Amphitheater Community Schools (Tucson)
Member (1979-1981) President (1981)

Executive Director: Rocky Mountain Educational Research Association
(1985-1988)

Secretary-Treasurer, State and Regional Educational Research Associations
(AERA Special Interest Group) (1987-1989)

Board of Directors: Rocky Mountain Educational Research Association (1974-1995)

APPOINTED POSITIONS: PAST

Member, Board of Directors, Dakota State University Foundation (1999-2002)

PUBLICATIONS

Greene, H. A., & Sabers, D. L. (1967). Iowa Algebra Aptitude Test, 3rd ed. Iowa City: University of Iowa, Bureau of Educational Research & Service.

Sabers, D. L., & Feldt, L. S. (1968). An empirical study of the effect of the correction for chance success on the reliability and validity of an aptitude test. Journal of Educational Measurement, 5, 251-258.

Sabers, D. L., & Feldt, L. S. (1968). The predictive validity of the Iowa Algebra Aptitude Test for achievement in modern mathematics and algebra. Educational and Psychological Measurement, 28, 901-907.

Sabers, D. L., & White, G. W. (1969). The effect of differential weighting of individual item responses on the predictive validity and reliability of an aptitude test. Journal of Educational Measurement, 6, 93-96.

Kepner, H. S., Jr., & Sabers, D. L. (1969). Kepner Mid-Year Algebra Achievement Test. Iowa City: University of Iowa, Bureau of Educational Research and Service.

Maxey, J., & Sabers, D. L. (1969). Iowa Geometry Aptitude Test, 3rd ed. Iowa City: University of Iowa, Bureau of Educational Research and Service.

Pfeiffer, J. W., & Sabers, D. L. (1970). Attrition and achievement in correspondence study. National Home Study Council News, 9 (No. 2).

Whitney, D. R., & Sabers, D. L. (1970). Improving essay examinations II: Grading essay questions (Technical Bulletin No. 10). Iowa City: University of Iowa, University Evaluation and Examination Service.

Whitney, D. R., & Sabers, D. L. (1970). Improving essay examinations III: Use of item analysis (Technical Bulletin No. 11). Iowa City: University of Iowa, University Evaluation and Examination Service.

Berry, J. R., & Sabers, D. L. (1971). Iowa pilot project studies electronic driver testing. Traffic Safety, 71(January), 28-29.

Whitney, D. R., & Sabers, D. L. (1971). Two generalizations of the item discrimination index to multi-score items. Journal of Experimental Education, 39, 88-92.

Sabers, D. L. (1971). Evaluation report: The Iowa DrivoTEST Project. Iowa City, The University of Iowa, Transportation Safety Research Center.

Sabers, D. L., & Klausmeier, R. D. (1971). Accuracy of short-cut estimates for standard deviation. Journal of Educational Measurement, 8, 335-339.

Pfeiffer, J. W., & Sabers, D. L. (1972). Aspects of independent study. Iowa City: University of Iowa, Bureau of Instructional Services.

Sabers, D. L. (1972). Using behavioral objectives to individualize instruction. Tucson: The University of Arizona, Bureau of Educational Research and Service.

Davies, J. L., Pfeiffer, J. W., Sabers, D. L., & Wasinger, G. B. (1972). Potentials for using student profiles to increase relevance of independent study guides. In J. Pfeiffer & D. Sabers (Eds.), Aspects of independent study. Iowa City: University of Iowa, Bureau of Instructional Services.

Sabers, D. L., Pfeiffer, J. W., & Ragsdale, J. P. (1972). The effect of letters and postcards of encouragement on the submission of lessons in correspondence study. Journal of Experimental Education, 41, 87-90.

Reschly, D. J., & Sabers, D. L. (1973). An empirical study of attitudes toward open education. ERIC Document Reproduction Service.

Sabers, D. L. (1973). Criterion-referenced scores and instruction. In H. D. Thornburg (Ed.), School learning and instruction: Readings (pp. 135-145). Monterey, CA: Brooks/Cole.

Sabers, D. L. (1973). Evaluation plan and procedures. In Driver improvement, licensing, and relicensing. New Haven, CT: Wilbur Smith & Associates, 1(December), 211-234.

Sabers, D. L. (1973). Analysis of driver's manual and licensing examination forms. In Driver improvement, licensing, and relicensing (2[December] pp. 18-30). New Haven, CT: Wilbur Smith & Associates.

Reschly, D. J., & Sabers, D. L. (1974). Open education: Have we been there before? Kappan, 55(June), 675-677.

Brown, D. R., Reschly, D. J., & Sabers, D. L. (1974). Using group contingencies with punishment and positive reinforcement to modify aggressive behaviors in a Head Start classroom. Psychological Record, 21, 491-496.

Sabers, D. L., Reschly, D. J., & Meredith, K. E. (1974). Age differences in degree of acquiescence on positively and negatively scored attitude scale items. ERIC Document No. 091446 abstracted in *Research in Education*, September.

Sabers, D. L. (1975). Test-taking skills. Tucson: The University of Arizona, Arizona Center for Educational Research and Development.

Sabers, D. L., & Whitney, D. R. (1976). Suggestions for validating rating scales and attitude inventories (Technical Bulletin No. 19). Iowa City: University of Iowa, Evaluation and Examination Services.

Sabers, D. L. (1976). Using objective test items to measure more than memory (Technical Bulletin No. 21). Iowa City: University of Iowa, Evaluation and Examination Services.

Ackerson, G. E., & Sabers, D. L. (1976). Statistical tests versus scatterplots for testing the assumption of linearity. CEDR Quarterly, *9*, 12-13.

Stillman, P. L., Sabers, D. L., & Redfield, D. L. (1976). Use of paraprofessionals to teach and evaluate interviewing skills. Pediatrics, *57*, 769-774.

Stillman, P. L., Sabers, D. L., & Redfield, D. L. (1976). Use of trained mothers to teach and evaluate interviewing skills. Proceedings of Fifteenth Annual Conference on Research in Medical Education, 81-86.

Sabers, D. L. (1977). Test taking skills. ERIC Document No. ED 133 341 abstracted in *Resources in Education*, May.

Stillman, P. L., Levinson, D., Ruggill, J. S., & Sabers, D. L. (1977). The nurse practitioner as teacher of physical examination skills. Proceedings of Sixteenth Annual Conference on Research in Medical Education, 57-62.

Stillman, P. L., Brown, D. R., Redfield, D. L., & Sabers, D. L. (1977). Construct validation of the Arizona Clinical Interview Rating Scale. Educational and Psychological Measurement, *37*, 1031-1038.

Vaughan, J. L., Jr., & Sabers, D. L. (1977). Factors in validating affective scales: An applied approach. Journal of Reading Behavior, *9*, 253-258.

Stillman, P. L., Redfield, D. L., Sabers, D. L., & Stewart, D. (1977). Testing physical diagnosis skills with videotape. Journal of Medical Education, *52*, 942-943.

Stillman, P. L., Sabers, D. L., & Redfield, D. L. (1977). Use of trained mothers to teach interviewing skills to first-year medical students: A follow-up study. Pediatrics, *60*, 165-169.

Stillman, P. L., Ruggill, J. S., & Sabers, D. L. (1977). The use of patient instructors to evaluate the complete physical examination. Monograph: Introduction to clinical medicine. Association of American Medical Colleges, 140-143.

Stillman, P. L., Ruggill, J. S., & Sabers, D. L. (1978). Use of live models in the teaching of freshman gross anatomy. Medical Education, 12, 114-116.

Stillman, P. L., Ruggill, J. S., Levinson, D., & Sabers, D. L. (1978). The nurse practitioner as a teacher of physical examination skills. Journal of Medical Education, 53, 119-124.

Stillman, P. L., Ruggill, J. S., & Sabers, D. L. (1978). Use of practical instructors to teach and evaluate the complete physical examination. Evaluation and the Health Professions, 1, 49-54.

Stillman, P. L., Ruggill, J. S., & Sabers, D. L. (1978). Improved student learning of infant growth and development. Pediatrics, 62, 775-777.

Sabers, D. L. Test review: Basic Word Vocabulary Test. (1978). In O. K. Buros (Ed.), The Eighth Mental Measurements Yearbook (pp. 163-165). Highland Park, NJ: Gryphon Press.

Sabers, D. L., Laguna, J. E., Ruggill, J. S., & Stillman, P. L. (1978). Preliminary issues and general considerations. In P. L. Stillman (Ed.), The non-physician in medical education. Tucson: The University of Arizona.

Stillman, P. L., & Sabers, D. L. (1978). Using a contemporary based program to assess interviewing skills of pediatric house staff. Journal of Medical Education, 53, 494-496.

Sabers, D. L. (1978). Test review: Metropolitan Achievement Tests: Reading. In O. K. Buros (Ed.), The Eighth Mental Measurements Yearbook, 1204-1205. Highland Park, NJ: Gryphon Press.

Brown, D., Reschly, D., & Sabers, D. (1978). Using group contingencies with punishment and positive reinforcement to modify aggressive behaviors in a Head Start classroom. In B. W. Tuckman, Conducting educational research (pp. 413-419). New York: Harcourt Brace Jovanovich.

Stillman, P. L., Levinson, D., Ruggill, J. S., & Sabers, D. L. (1979). An objective method of assessing physical examination skills of nurse practitioners. Journal of Nursing Education, 18, 31-32.

Reschly, D. J., & Sabers, D. L. (1979). Analysis of test bias in four groups with the regression definition. Journal of Educational Measurement, 16, 1-9.

Franklin, Jr., M. R., Duley, S. M., & Sabers, D. L. (1979). Self-concept and its relationship to academic achievement and other selected variables. Proceedings of the Eleventh Annual Convention of the National Association of School Psychologists, 9, 166-167.

Duley, S. M., Franklin, Jr., M. R., & Sabers, D. L. (1979). Demonstrations of the Sabers-Whitney model for construct validation of psychological measures. Proceedings of the Eleventh Annual Convention of the National Association of School Psychologists, 9, 12, 123-124.

Evard, B. L., & Sabers, D. L. (1979). Speech and language testing with distinct ethnic-racial groups: A survey of procedures for improving validity. Journal of Speech and Hearing Disorders, 44, 271-281.

Stillman, P. L., Ruggill, J. S., Rutala, P. J., & Sabers, D. L. (1979). A comparison of physicians and nurse practitioners as instructors in a physical diagnosis course. Journal of Medical Education, 54, 733-734.

Stillman, P., Ruggill, J., Sabers, D., Rutala, P., Gall, E., & Laguna, J. (1979). Patient instructors as evaluators of physical diagnosis skills. Clinical Research, 459A.

Stillman, P. L., Ruggill, J., Rutala, P., Dinham, S. M., & Sabers, D. (1979). A competency based program to remediate deficiencies of Cotrans students. Proceedings of Eighteenth Annual on Research in Medical Education. Association of American Medical Colleges, 53-58.

Stillman, P. L., Ruggill, J. S., Rutala, P. J., & Sabers, D. L. (1980). Patient instructors as teachers and evaluators. Journal of Medical Education, 55, 186-193.

Stillman, P. L., Ruggill, J. S., Rutala, P. J., Dinham, S. M., & Sabers, D. L. (1980). Students transferring into American medical schools--remediating their deficiencies. The Journal of the American Medical Association, 243, 129-133.

Rush, J. C., Weckesser, J. K., & Sabers, D. L. (1980). A comparison of instructional methods for teaching contour drawing to children. Studies in Art Education, 21, 6-12.

Rutala, P. J., Stillman, P. L., & Sabers, D. L. (1980). Patient instructors as evaluators of housestaff clinical competence. Proceedings of Nineteenth Annual Conference on Research in Medical Education. Association of American Medical Colleges, 148-153.

Rutala, P. J., Stillman, P. L., & Sabers, D. L. (1981). Housestaff evaluation using patient instructors: A report of clinical competence. Evaluation and the Health Professions, 4, 419-432.

Stillman, P. L., Fulginiti, V. A., Rousseau, E., & Sabers, D. L. (1981). Results of a survey of pediatric clerkship programs in United States and Canadian medical schools. American Journal of Diseases of Children, 135, 348-351.

Rutala, P. J., Stillman, P. L., & Sabers, D. L. (1981). Housestaff evaluation using patient instructors. Arizona Medicine, 38, 531-532.

Franklin, Jr., M. R., Duley, S. M., Rousseau, E. W., & Sabers, D. L. (1981). Construct validation of the Piers-Harris Children's Self-Concept Scale. Educational and Psychological Measurement, 41, 439-443.

Rush, J. C., & Sabers, D. L. (1981). The perception of artistic style. Studies in Art Education, 23, 24-32.

Stillman, P. L., Rutala, P. J., & Sabers, D. L. (1981). Evaluating a simulated clinical encounter. Clinical Research, 326A.

Stillman, P. L., Rutala, P. J., & Sabers, D. L. (1981). The evolution of the patient instructor program at the University of Arizona. The Medical Educator, No. 14, July.

Stillman, P. L., Rutala, P. J., Stillman, A. E., & Sabers, D. L. (1981). Use of patient instructors to evaluate the clinical competence of physicians. Proceedings of American Board of Medical Specialties, evaluation of noncognitive skills and clinical performance.

Stillman, P. L., Rutala, P. J., Stillman, A. E., Mazzeo, J., Nicholson, G. I., & Sabers, D. L. (1982). Evaluating residents' clinical competence using patient instructors. Clinical Research, 648A.

Stillman, P. L., Silverman, A., Burpeau, M. Y., & Sabers, D. L. (1982). Use of client instructors and rating scales to teach legal interviewing skills to law students. Journal of Legal Education, 32, 395-402.

Franklin, Jr., M. R., Stillman, P. L., Burpeau, M. Y., & Sabers, D. L. (1982). Examiner error in intelligence testing: Are you a source? Psychology in the Schools, 19, 563-569.

Stillman, P. L., Rutala, P. J., Nicholson, G. I., Sabers, D. L., & Stillman, A. E. (1982). Measurement of clinical competence of residents using patient instructors. Proceedings of Twenty-First Annual Conference on Research in Medical Education. Association of American Medical Colleges.

Stillman, P. L., Gillers, M. A., Heins, M., Nicholson, G. I., & Sabers, D. L. (1983). Effect of immediate student evaluations on a multi-instructor course. Journal of Medical Education, 58, 172-178.

Heins, M., Stillman, P., Sabers, D., & Mazzeo, J. (1983). Attitudes of pediatricians toward maternal employment. Pediatrics, 72, 283-290.

Sabers, D. L. (1983). Test review: Assessment of reading growth. Accession number AN-09112212, Buros Institute Database (Search Label MMYD), Bibliographic Retrieval Services, Inc. (BRS).

Sabers, D. L. (1983). Test review: Industrial Reading Test. Accession number AN-09112183, Buros Institute Database (Search Label MMYD), Bibliographic Retrieval Services, Inc. (BRS).

Sabers, D. L., & Wiig, E. J. (1983). Clinical evaluations of language functions technical manual. Columbus, OH: Merrill Publishing Co.

Sabers, D. L., & Sabers, D. (1984). CRTM: Curriculum referenced tests of mastery. Columbus, OH: Merrill Publishing Co.

Sabers, D. L., & Hutchinson, T. (1984). Curriculum referenced tests of mastery technical report 1. Columbus, OH: Merrill Publishing Co.

Einarson, T. R., McGhan, W. F., Bootman, J. L., & Sabers, D. L. (1985). Meta-analysis: Quantitative integration of independent research results. American Journal of Hospital Pharmacy, 42, 1957-1964.

Franklin, Jr., M. R., Fullilove, R., & Sabers, D. (1985). Woodcock analogies: Effects of additional practice and instruction for learning-disabled students. Journal of Learning Disabilities, 18, 521-523.

Sabers, D. L. (1985). Test review: Assessment of reading growth. In J. V. Mitchell, (Ed.), The Ninth Mental Measurements Yearbook (pp. 101-102). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (1985). Test review: Industrial reading test. In J. V. Mitchell, (Ed.), The Ninth Mental Measurements Yearbook (pp. 684-685). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L., & Sabers, D. (1986). Academic instructional measurement system. Columbus, OH: Merrill Publishing Co.

Sabers, D. L., Einarson, T. R., McGhan, W. F., & Bootman, J. L. (1986). Selecting appropriate techniques for meta-analysis. American Journal of Hospital Pharmacy, 606-611.

Sabers, D. L., & Franklin, Jr., M. R. (1986). Increased power through design and analysis. Journal of Experimental Education, 54, 101-104.

Franklin, Jr., M. R., & Sabers, D. L. (1987). The school psychologist's role as Researcher. Intervention, 19, 1,6,8.

McGhan, W. F., Einarson, T. R., Gardner, M. E., & Sabers, D. L. (1987). A meta-analysis of the impact of pharmacist drug regimen reviews in long-term care facilities. Journal of Geriatric Drug Therapy, 1, 23-34.

Sabers, D. L., Cushing, K., & Sabers, D. (1987). Sex differences in reading and mathematics achievement for middle school students. Journal of Early Adolescence, 7, 117-128.

Sabers, D., Sabers, D. L., & Cushing, K. (Eds.). (1987). Sex differences in early adolescents [Special Issue]. Journal of Early Adolescence, 7(1).

Bracken, B. A., Sabers, D. L., & Insko, W. (1987). Performance of matched groups of black and white children on the Bracken Basic Concept Scale. Psychology in the Schools, 23, 22-27.

Mishra, S. P., Lord, J., & Sabers, D. L. (1987). Cognitive processes underlying WISC-R performance of gifted and learning disabled Navajos. In A. A. Allen (Ed.), Bilingualism and second language, (Research Papers Monograph No. 1) (pp.17-25). Tucson: University of Arizona, Division of Language, Reading and Culture.

Semel, E., Wiig, E. H., Secord, W., & Sabers, D. (1987). Clinical evaluations of language fundamentals-revised technical manual. San Antonio: The Psychological Corporation.

Smith, K. J., & Sabers, D. L. (1988). Test review: Doren diagnostic reading test of word recognition skills. In D. J. Keyser & R. C. Sweetland (Eds.), Test Critiques: Vol.1 (pp. 153-157). Kansas City, MO: Test Corporation of America.

Smith, K. J., & Sabers, D. L. (1988). Test review: Gillingham-Childs phonics proficiency scales, series I and II. In D. J. Keyser & R. C. Sweetland (Eds.), Test Critiques: Vol.1 (pp. 188-191). Kansas City, MO: Test Corporation of America.

Albanese, M. A., & Sabers, D. L. (1988). Multiple true-false items: A study of inter-item correlations, scoring alternatives, and reliability estimation. Journal of Educational Measurement, 25, 111-123.

Sabers, D. L., Feldt, L. S., & Reschly, D. J. (1988). Appropriate and inappropriate use of estimated true scores. The Journal of Special Education, 22(3), 358-366.

Raisch, D. W., Bootman, J. L., McGhan, W. F., Sabers, D. L., & Messier, D. R. (1988). Evaluating length of stay and charge differences between antibiotic regimens within selected DRGs. Topics in Hospital Pharmacy Management, 8(1), 13-24.

Feldt, L. S., Sabers, D. L., & Reschly, D. J. (1988). Comments on the reply by Salvia and Ysseldyke. The Journal of Special Education, 22(3), 374-377.

Sabers, D. L. (1988). Review of Career Directions Inventory. Accession Number, AN-10180357, Buros Institute Database (Search Label MMYD), BRS Information Technologies.

Sabers, D. L., Feldt, L. S., & Reschly, D. J. (1988). Reply to Cahan. The Journal of Special Education, 22(4), 504-506.

O'Reilly, C. S., Northcraft, G. B., & Sabers, D. L. (1989). Confirmation bias in special education placement decisions. School Psychology Review, 18(1), 126-135.

Mishra, S. P., Lord, J., & Sabers, D. L. (1989). Cognitive processes underlying WISC-R performance of gifted and learning disabled Navajos. Psychology in the Schools, 26, 31-36.

Sabers, D. L. (1989). Review of Program Self-Assessment Service. Accession Number AN-10030335, Buros Institute Database (Search Label MMYD), BRS Information Technologies.

Lane, S., & Sabers, D. (1989). The use of generalizability theory for estimating the dependability of a scoring system for sample essays. Applied Measurement in Education, 2(3), 195-205.

Sabers, D. L. (1989). Test review: Program Self-Assessment Service. In J. V. Mitchell, (Ed.), The Tenth Mental Measurements Yearbook, (pp. 668-669). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (1989). Test review: Career Directions Inventory. In J. V. Mitchell, (Ed.), The Tenth Mental Measurements Yearbook, (pp. 141-143). Lincoln, NE: The University of Nebraska Press.

Sabers, D., Jones, P., & Shiroma, P. (1989). On methods for probing the validity of intelligence tests: A commentary on the work of Zeidner and Feitelson. Journal of Psychoeducational Assessment, 7, 194-208.

Sabers, D. (1990). Review of The Tenth Mental Measurements Yearbook. Educational Measurement: Issues and Practice, 9(3) 29-30.

Sabers, D. L. (1992). Review of the American Junior High School Mathematics Examination. In J. J. Kramer & J. C. Conoley (Eds.), The Eleventh Mental Measurements Yearbook, (p. 34). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (1992). Review of Educational Leadership Practices Inventory. In J. J. Kramer & J. C. Conoley (Eds.), The Eleventh Mental Measurements Yearbook, (p. 312). Lincoln, NE: The University of Nebraska Press.

- Jones, P., & Sabers, D. (1992). Examining test data using multivariate procedures. In M. Zeidner & R. Most (Eds.), Psychological testing: An inside view, (pp. 297-339). Palo Alto: Consulting Psychologists Press.
- Slack, M. K., Sabers, D., Larson, L. N., McGhan, W. F., & Bootman, J. L. (1992). Reliability indexes for use in educational experiments: Cronbach's Alpha versus a G study. Journal of Pharmacy Teaching, 3(1), 33-48.
- Tanner-Halverson, P., Burden, T., & Sabers, D. (1993). WISC-R normative data for Tohono O'odham Native American Children. Journal of Psychoeducational Assessment (Monograph Series), 11, 125-133.
- Sabers, D. L. (1994). Review of Career Directions Inventory. In J. T. Kapes, M. M. Mastie, & E. A. Whitfield (Eds.), A counselor's guide to career assessment instruments (3rd ed.), (pp. 152-155).
- Sabers, D. L., & Maller, S. J. (1994). Assessment. Journal of Psychoeducational Assessment, 79-83.
- Sabers, D. L. (1994). Review of Career Directions Inventory. In J. T. Kapes, M. M. Mastie, & E. A. Whitfield (Eds.), A counselor's guide to career assessment instruments (3rd ed.) (pp. 152-155).
- Sabers, D. L. (1994). Review of the developmental test of visual-motor integration [third ed.]. In J. C. Impara & L. L. Murphy (Eds.), Psychological assessment in the schools, (pp. 281-283).
- Sabers, D. L. (1994). Review of the developmental test of visual-motor integration (Third ed.). In J. C. Conoley & J. C. Impara (Eds.), The Supplement to The Eleventh Mental Measurements Yearbook, (pp. 28-29). Lincoln, NE: The University of Nebraska Press.
- Sabers, D. L. (1995). Review of developmental indicators for the assessment of learning (revised/AGS Ed.). In J. C. Conoley & J. C. Impara (Eds.), The Twelfth Mental Measurements Yearbook, (pp. 283-285). Lincoln, NE: The University of Nebraska Press.
- Sabers, D. L. (1995). Review of developmental test of visual motor integration (3rd Revision). In J. J. Kramer & J. C. Conoley (Eds.), The Twelfth Mental Measurements Yearbook, (pp. 287-288). Lincoln, NE: The University of Nebraska Press.
- Fletcher, T., & Sabers, D. (1995). Interaction effects in cross-national studies of achievement. Comparative Education Review, 39, 455-467.
- Sabers, D. L. (1996). By their tests we will know them. Language, Speech, and Hearing Services in the Schools, 27, 138-144.
- Sabers, D. L., & Sabers, D. S. (1996). Conceptualizing, measuring, and implementing higher (high or hire) standards. Educational Researcher, 25(8), 19-21.
- Johnson, J. A., Coons, J. C., Hays, R. D., Sabers, D., Jones, P., & Langley, P. C. (1997). A comparison of satisfaction with mail versus traditional pharmacy services. Journal of Managed Care Pharmacy, 3, 327-337.

Sabers, D. L. (1998). Review of Comprehensive Testing Program III. In J. C. Conoley & J. C. Impara (Eds.), The Thirteenth Mental Measurements Yearbook, (pp. 316-318). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L., & Sabers, D. S. (1998). Review of GOALS: A performance-based measure of achievement. In J. C. Conoley & J. C. Impara (Eds.), The Thirteenth Mental Measurements Yearbook, (pp. 452-457). Lincoln, NE: The University of Nebraska Press.

Cruz, R. F., & Sabers, D. L. (1998). Dance/Movement therapy is more effective than previously reported. The Arts in Psychotherapy, 25, 101-104.

Good, T. L., Nichols, S. L., & Sabers, D. L. (1999). Underestimating youth's commitment to schools and society: Toward a more differentiated view. Social Psychology of Education, 3, 1-39.

Braden, J. S., & Sabers, D. L. (2001). Review of Hammill Multiability Test (HAMAT). Journal of Psychoeducational Assessment, 19, 188-197.

Sabers, D. L. (2001). Review of Tests of Achievement and Proficiency, Forms K, L, and M. In B. S. Plake & J. C. Impara (Eds.), The Fourteenth Mental Measurements Yearbook, (pp. 1272-1274). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (2001). Review of Measure of Questioning Skills. In B. S. Plake & J. C. Impara (Eds.), The Fourteenth Mental Measurements Yearbook, (pp. 738-739). Lincoln, NE: The University of Nebraska Press.

Braden, J. S., & Sabers, D. L. (2001). Review of Hammill Multiability Test (HAMAT). Journal of Psychoeducational Assessment, 19, 188-197.

Sabers, D. L. (2001). Review of Tests of Achievement and Proficiency, Forms K, L, and M. In B. S. Plake & J. C. Impara (Eds.), The Fourteenth Mental Measurements Yearbook, (pp. 1272-1274). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (2001). Review of Measure of Questioning Skills. In B. S. Plake & J. C. Impara (Eds.), The Fourteenth Mental Measurements Yearbook, (pp. 738-739). Lincoln, NE: The University of Nebraska Press.

Braden, J. S., & Sabers, D. L. (2001). Review of Hammill Multiability Intelligence Test (HAMIT), Journal of Psychoeducational Assessment, 19, 383-391.

Smith, K., & Sabers, D. (2002). Tinkering won't solve AIMS test's problems. Tucson Citizen, August 30, p. 5B.

Smith, K., & Sabers, D. (2002). AIMS fails to pass muster. Arizona Daily Star, September 11, p. B7.

Sabers, D. L. (2002) Review of The Discipline Index. Online at <http://www.unl.edu/buros/>.

Sabers, D. L. (2003). Review of The Discipline Index. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), The Fifteenth Mental Measurements Yearbook, (pp. 322-324). Lincoln, NE: The University of Nebraska Press.

Sabers, D. L. (2003). Review of the Gray Silent Reading Tests. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), The Fifteenth Mental Measurements Yearbook, (pp. 423-425). Lincoln, NE: The University of Nebraska Press.

Sabers, D., & Bonner, S. (2005). Review of the Academic Competence Evaluation Scales. In R. A. Spies & B. S. Plake (Eds.), The Sixteenth Mental Measurements Yearbook, (pp. 4-6). Lincoln, NE: The University of Nebraska Press.

Sabers, D., & Bonner, S. (2005). Review of the Bender Visual-Motor Gestalt Test, Second Edition. In R. A. Spies & B. S. Plake (Eds.), The Sixteenth Mental Measurements Yearbook, (pp. 130-132). Lincoln, NE: The University of Nebraska Press.

Sabers, D., & Powers, S. (2005). The Condition of Assessment of Student Learning in Arizona: 2005. In D.R. Garcia & A. Molnar (Eds.), The Condition of Pre-K-12 Education in Arizona: 2005, (pp. 9.0-9.15). Tempe, AZ: Educational Policy Studies Laboratory.

Sabers, D.L. (2006). Review of Gerald W. Bracey, Reading Educational Research: How to Avoid Getting Statistically Snookered. Educational Review, retrieved from <http://edrey.asu.edu/reviews/rev494.htm> on July 3, 2006.

Antia, S. D., Sabers, D.L., & Stinson, M. S. (2007). Validity and reliability of the Classroom Participation Questionnaire with deaf and hard of hearing students in public schools. Journal of Deaf Studies and Deaf Education, 12 (2), 158-171.

Sabers, D.L., & Sun, H. (2007). Review of The Word Test 2: Elementary. In K.F. Geisinger, R.A. Spies, J.F. Carlson, & B.S. Plake (Eds.), The Seventeenth Mental Measurements Yearbook. (pp. 877-879). Lincoln, NE: The University of Nebraska Press.

Sabers, D.L., & Olson, A.M. (2007): Review of The Nelson-Denny Reading Test CD-ROM, Version 1.2.4. In K.F. Geisinger, R.A. Spies, J.F. Carlson, & B.S. Plake (Eds.), The Seventeenth Mental Measurements Yearbook. (pp. 572-574). Lincoln, NE: The University of Nebraska Press.

Brogt, E., Sabers, D., Prather, E.E., Deming, G.L., Hufnagel, B., & Slater, T.F. (2007). Analysis of the Astronomy Diagnostic Test. Astronomy Education Review, 6(1), 25-42.

Olson, A. M., & Sabers, D. L. (2008). Standardized tests. In T. L. Good (Ed.), 21st Century Education: A Reference Handbook (pp. 423-430). Thousand Oaks, CA: Sage.

Good, T.L., Wiley, C.R.H., & Sabers, D. (2010). Accountability and Educational Reform: A critical analysis of four perspectives and considerations for enhancing reform efforts. *Educational Psychologist*,

Gochyyev, P. & Sabers, D. (in press). Item analysis. In N. J. Salkind, (Ed.), Encyclopedia of research design. Thousand Oaks, CA: Sage.

Sabers, D. & Gochyyev, P. (in press). Item-test correlation. In N. J. Salkind, (Ed.), *Encyclopedia of research design*. Thousand Oaks, CA: Sage.

Sabers, D.L., & Sun, H. (in press). Review of the Structured Photographic Expressive Language Test—Third Edition. In *The Eighteenth Mental Measurements Yearbook*. Lincoln, NE: The University of Nebraska Press.

Sabers, D.L., & Olson, A. M. (in press). Review of the Wide Range Achievement Test 4. In *The Eighteenth Mental Measurements Yearbook*. Lincoln, NE: The University of Nebraska Press.

RESEARCH REPORTS

Olson, A. & Sabers, D. (2009). *First Job raises on-time graduation rates for first cohort: Amphitheater Public Schools and Tucson Unified School District*.

Olson, A., & Sabers, D. (2009). *Reliability and validity of Childhood Math Assessment: Results of the psychometric study* (Research Report). Manuscript submitted to West Ed.

PRESENTATIONS TO PROFESSIONAL MEETINGS

Sabers, D. L. (1969). The effect of choice weight scoring on predictive validity. National Council on Measurement in Education annual meeting, Los Angeles.

Sabers, D. L. (1970). The accuracy of short-cut estimates for standard deviation of raw score distributions on teacher made tests. National Council on Measurement in Educational annual meeting, Minneapolis.

Sabers, D. L., & Kania, J. G. (1972). Item precision in criterion-referenced measurement. American Educational Research Association-National Council on Measurement in Education annual meeting, Chicago.

Reschly, D. J., & Sabers, D. L. (1972). An empirical study of attitudes toward open education. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Meredith, K. E., & Sabers, D. L. (1972). Using item data for evaluating criterion-reference measures with an empirical investigation of index consistency. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Sabers, D. L., Reschly, D. J., & Meredith, K. E. (1973). The impact of positively and negatively scored attitude items on evaluation outcomes. Rocky Mountain Educational Research Association annual meeting, Tucson.

Sabers, D. L., Reschly, D. J., & Meredith, K. E. (1974). Age differences in degree of acquiescence on positively and negatively scored attitude scale items. American Educational Research Association-National Council on Measurement in Education annual meeting, Chicago.

Meredith, K. E., & Sabers, D. L. (1974). Psychometric qualities of evaluation measures for criterion-based research: A reconsideration of purposes, assumptions, and procedures. American Educational Research Association annual meeting, Chicago.

Reschly, D. J., Sabers, D. L., & Meredith, K. E. (1974). Comparison of 5 and 6 point Likert scales in an attitude inventory. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Meredith, K. E., & Sabers, D. L. (1974). An analysis of drivers' license examinations with 2, 3, and 4 options. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Evard, B. L., & Sabers, D. L. (1974). Development of local norms for Papago Indians, Mexican Americans, Blacks, and Anglos for the Templin-Darley Tests of Articulation. American Speech and Hearing Association annual meeting, Las Vegas.

Sabers, D. L., & Meredith, K. E. (1975). The relationship between quality of option deleted and item discrimination indices. American Educational Research Association annual meeting, Washington, DC.

White, G. W., Feldt, L. S., & Sabers, D. L. (1975). Relative effectiveness of three item selection procedures for maximizing test reliability. National Council on Measurement in Education annual meeting, Washington, DC.

Vaughan, J. L., & Sabers, D. L. (1975). Multivariate factors in construct validation of affective scales. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Sabers, D. L., & Brown, D. (1975). Cohen's Kappa and Phi as measures of auto correlation in repetition analysis. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Sabers, D. L. (1975). Interpreting significant interaction in two-factor analysis of variance. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Stillman, P. L., Sabers, D. L., & Redfield, D. L. (1976). An objective approach to teaching and evaluating interviewing skills. Ambulatory Pediatric Association annual meeting, St. Louis.

Reschly, D. J., Sabers, D. L., & Meredith, K. E. (1976). Analysis of different concepts of cultural fairness using WISC-R and NAT scores from four ethnic groups. American Educational Research Association annual meeting, San Francisco.

Meredith, K. E., & Sabers, D. L. (1976). The investigation of response bias using a combination of two item types. National Council on Measurement in Education annual meeting, San Francisco.

Sabers, D. L., & Albanese, M. A. (1976). Multiple response vs. multiple true-false scoring: A dilemma in assessing partial knowledge. Rocky Mountain Educational Research Association annual meeting, Flagstaff.

Sabers, D. L., & Forbes, N. B. (1976). Comparability, equivalence, and congruence of test scores. Rocky Mountain Educational Research Association annual meeting, Flagstaff.

Stillman, P. L., Sabers, D. L., & Redfield, D. L. (1976). Use of trained mothers to teach and evaluate interviewing skills. Association of American Medical Colleges annual meeting, San Francisco.

Stillman, P. L., Morrow, G., & Sabers, D. L. (1977). Evaluation of interviewing skills for pediatric housestaff. American Board of Pediatrics meeting, Dallas.

Stillman, P. L., Levinson, D., Ruggill, J. S., & Sabers, D. L. (1977). Nurse practitioner as teacher of physical examination skills. Association of American Medical Colleges annual meeting, Washington, DC.

Weerts, R. R., & Sabers, D. L. (1977). Recommendations for course improvement based on student ratings of teaching. American Educational Research Association annual meeting, New York.

Stillman, P. L., Levinson, D., Ruggill, J., & Sabers, D. L. (1977). The nurse practitioner as a teacher of physical examination skills. Ambulatory Pediatrics Association annual meeting, San Francisco.

Vaughan, J. L., Stillman, P. L., & Sabers, D. L. (1978). Construction of ideational scaffolds during reading. 28th annual meeting of the National Reading Conference, St. Petersburg, FL.

Albanese, M. A., & Sabers, D. L. (1978). Multiple response vs. multiple true-false scoring: A comparison of reliability and validity. National Council on Measurement in Education annual meeting, Toronto.

Sabers, D. L., & Luiten, J. (1978). Using the "lie" scale as a correction for acquiescence in assessing self-concept. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Sabers, D. L., & Luiten, J. (1978). The effect of sample size on integrating research findings with meta-analysis. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Stillman, P. L., Gall, E. P., Laguna, J. E., Laguna, J. F., Ruggill, J. S., Rutala, P. J., & Sabers, D. L. (1979). Patient instructors as teachers and evaluators. Ambulatory Pediatric Association annual meeting, Atlanta.

Gall, E. P., Stillman, P. L., Rutala, P. J., Sabers, D. L., Golden, A., Ruggill, J. S., & Boyer, J. T. (1979). The arthritis patient instructor (PI) in competency based teaching and evaluation of rheumatic disease care by health professionals. Allied Health Professional Section of the Arthritis Foundation National meeting, Denver.

Rutala, P. J., Stillman, P. L., Sabers, D. L., Ruggill, J. S., Gall, E. P., Smith, J. W., Fuchs, M., & Greensher, A. (1979). Patient instructors (PI) as evaluators of housestaff competency in the physical examination. Association of Program Directors in Internal Medicine spring meeting, San Francisco.

Stillman, P. L., Ruggill, J. S., Rutala, P. J., & Sabers, D. L. (1979). An instructional program using patient instructors as teachers and evaluators. Association of American Medical Colleges annual meeting, Washington, DC.

Stillman, P. L., Ruggill, J. S., Rutala, P. J., Dinham, S. M., & Sabers, D. L. (1979). A competency based program to remediate deficiencies of cotrans students. Association of American Medical Colleges annual meeting, Washington, DC.

Ruggill, J. S., Stillman, P. L., Sabers, D. L., & Rutala, P. J. (1979). Patient instructors as teachers and evaluators. Rocky Mountain Educational Research Association annual meeting, Tucson.

Allen, A., Pirtle, K., Pirtle, J., & Sabers, D. L. (1980). The Sonoran experience: An experiment in cross-age tutoring. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Stewart, A. A., & Sabers, D. L. (1980). Validation of the Stewart Sabers English-Spanish Dominance Test. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Rutala, P. J., Stillman, P. L., & Sabers, D. L. (1980). Patient instructors as evaluators of housestaff clinical competence. Association of American Medical Colleges annual meeting, Washington, DC.

Rutala, P. J., Stillman, P. L., & Sabers, D. L. (1980). Housestaff evaluation using patient instructors. American College of Physicians, Arizona state meeting, Phoenix.

Powers, S., & Sabers, D. L. (1981). An investigation of ethnic group differences in testwiseness at the third, fifth, and seventh grade. American Educational Research Association annual meeting, Los Angeles.

Franklin, Jr., M. R., Duley, S. M., Rousseau, E. W., & Sabers, D. L. (1981). Construct validation of the Piers-Harris children's self-concept scale. National Council on Measurement in Education annual meeting, Los Angeles.

Stillman, P. L., Rutala, P. J., & Sabers, D. L. (1981). Evaluating a simulated clinical encounter. American Federation of Clinical Research national meeting, San Francisco.

Stillman, P. L., Rutala, P. J., Stillman, A. E., Mazzeo, J., & Sabers, D. L. (1981). Use of patient instructors to evaluate residents during the total clinical encounter. Association of American Medical Colleges, Group on Medical Education, Innovations in Medical Education, Washington, DC.

Mazzeo, J., Sabers, D. L., Heins, M. J., & Stillman, P. L. (1982). Experimental manipulation of factors in survey research using vignettes: A comparison of statistical techniques. American Educational Research Association annual meeting, New York.

Heins, M. J., Stillman, P. L., Mazzeo, J., & Sabers, D. L. (1982). Attitudes of pediatricians toward maternal employment. Ambulatory Pediatric Association annual meeting, Washington, DC.

Silverman, A., Stillman, P. L., Burpeau, M. Y., & Sabers, D. L. (1982). Use of client instructors and rating scales to teach legal interviewing skills to law students. Association of American Law Schools annual meeting, Philadelphia.

Stillman, P. L., Rutala, P. J., Stillman, A. E., Mazzeo, J., Nicholson, G. I., & Sabers, D. L. (1982). Use of patient instructors to evaluate the clinical competence of residents. Association of Program Directors in Internal Medicine spring meeting, Philadelphia.

Stillman, P. L., Rutala, P. J., Nicholson, G. I., Sabers, D. L., & Stillman, A. E. (1982). Measurement of clinical competence of residents using patient instructors. Association of American Medical Colleges annual meeting, Washington, DC.

Sabers, D. L. (1982). A comparison of the 3-parameter model of item response theory and traditional item analysis statistics. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Sabers, D. L., & Jones, P. B. (1982). Issues in norming a custom curriculum-referenced test. Florida Educational Research Association annual meeting, Orlando.

Sabers, D. L. (1982). Curriculum-referenced tests of mastery--a logical alternative. American Association of School Administrators annual meeting, New Orleans.

Sabers, D. L., Anderson, D., Jones, P., & Insko, W. (1983). Statistical aspects of content validity for achievement tests. Florida Educational Research Association annual meeting, Orlando.

Sabers, D. L., Anderson, D., Jones, P., Insko, W., & Hutchinson, T. (1983). Using statistical data to support content validity. Southwest Educational Research Association annual meeting, Dallas.

Jones, P. B., & Sabers, D. L. (1984). An investigation of two procedure for smoothing test norms. American Educational Research Association annual meeting, New Orleans.

Sabers, D. L. (1984). Inter and intra group norms: Comparisons across achievement tests. Rocky Mountain Educational Research Association annual meeting, Oklahoma City.

Bradley, J. M., & Sabers, D. L. (1984). Effect of method of computing composite score on the construct measured by the test. Rocky Mountain Educational Research Association annual meeting, Oklahoma City.

Sabers, D. L. (1985). Misapplications of measurement in educational practice. Iowa Measurement Conference, Iowa City.

Lane, S., & Sabers, D. L. (1985). The reliability of a scoring system for writing samples: An application of generalizability theory. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Adams, G. L., & Sabers, D. L. (1985). Determining the need for gender-specific norms for the NABC and CTAB. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Franklin, Jr., M. R., Fullilove, R. M., & Sabers, D. L. (1985). Woodcock analogies: Effects of additional instruction for learning-disabled students. American Psychological Association annual convention, Los Angeles.

Sabers, D. L., & Luiten, J. W. (1986). An empirical comparison of selected alternatives to the Kuder-Richardson formula 20. American Educational Research Association annual meeting, San Francisco.

Sabers, D. L., Cushing, K., & Sabers, D. (1986). Out-of-level and in-level achievement testing: Do identical total scores have the same meaning? National Council on Measurement in Education annual meeting, San Francisco.

Sabers, D. L., Cushing, K., & Sabers, D. (1986). Sex differences in reading and mathematics achievement for middle school children. American Educational Research Association annual meeting, San Francisco.

Franklin, Jr., M. R., & Sabers, D. L. (1986). The practicing school psychologist as researcher: fact or fiction? Arizona Association of School Psychologists annual meeting, Prescott.

Sabers, D. L., & Melton, M. (1986). Using custom tests to measure effectiveness of an innovative program. Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Sabers, D. L., Hutchinson, T., Insko, W., & Jones, P. B. (1986). Regression discontinuity revisited: Achievement is an artifact of instruction? Rocky Mountain Educational Research Association annual meeting, Albuquerque.

Sabers, D. L., Grobe, R. P., Sabers, D., & Hutchinson, T. (1987). Development and use of item banks by school districts. National Council on Measurement in Education annual meeting, Washington, DC.

Jones, P. B., Sabers, D. L., & Trosset, M. (1987). Dimensionality assessment for dichotomously-scored items using multidimensional scaling. American Educational Research Association annual meeting, Washington, DC.

Sabers, D. L. (1987). Rocky Mountain Educational Research Association. In H. L. Bowman (Chair), Selected state and regional educational research associations: Strengths and needed changes. Symposium conducted at the American Educational Research Association annual meeting, Washington, DC.

Plucker, F., & Sabers, D. L. (1987). A common validation logic for qualitative and quantitative research. American Educational Research Association annual meeting, Washington, DC.

Hutchinson, T., Insko, W., Sabers, D., Secord, W., & Wiig, E. (1987). Performance of matched groups of black and white students on the CELF-R. Third Biennial Minority Assessment Conference, Tucson.

Lane, S., & Sabers, D. (1988). Use of generalizability theory for estimating the dependability of a scoring system for sample essays. In J. Sonnenschein (Chair), An investigation of writing assessment and scoring. Symposium conducted at the National Council on Measurement in Education annual meeting, New Orleans.

Sabers, D. L., & Gendron, K. S. (1988). The Rocky Mountain Educational Research Association. In H. L. Bowman (Chair), Perspectives on annual meeting programs of selected state and regional research associations. Symposium conducted at the American Educational Research Association annual meeting, New Orleans.

Sabers, D. L., & Melton, M. H. (1988). Benefits of the summer basic education program for high-risk and minority adolescents. In T. Stoddard (Chair), *Research-based programs for adolescents: Current issues*. Symposium conducted at the American Educational Research Association annual meeting, New Orleans.

Franklin, M. R. Jr., & Sabers, D. L. (1988). Expanding the role of the school psychologist: Flying by the seat of your pants? National Association of School Psychologists annual meeting, Chicago.

Sabers, D. L. (1988). Issues in determining a difference between two scores for the purpose of establishing a learning disability. In D. L. Sabers (Chair), *Assessment of discrepancy between ability and achievement*. Symposium conducted at the meeting of the Arizona Association of School Psychologists, Tucson.

Sabers, D. L., & Christie, N. (1988). The effects of using mastery learning techniques with high-risk and minority adolescents. Rocky Mountain Educational Research Association annual meeting, Las Cruces.

Sabers, D. L. (1988). Causal modeling in experiments. In D. L. Sabers (Chair), *Causal modeling (with analysis by LISREL) in assessing effectiveness of programs and measures*. Symposium conducted at the annual meeting of the Arizona Educational Research Organization, Phoenix.

Cushing, K. S., Kerrins, J. A., & Sabers, D. L. (1989). Wise up to test-wiseness: The use of commercially prepared materials for test taking skill instruction. National Council on Measurement in Education annual meeting, San Francisco.

Christie, N., Sabers, D. L., & Melton, M. H. (1989). Assessment of the long term benefits of a basic education component for high-risk and minority adolescents. In P. Glider (Chair), *At-risk adolescents: Characteristics and effective programmatic strategies*. Symposium conducted at the American Educational Research Association annual meeting, San Francisco.

Sabers, D. L. (1990). Changing perceptions of what teachers should know about educational assessment. In N. Noggle (Chair), *What teachers should know about educational assessment*. Symposium conducted at the annual meeting of the Arizona Educational Research Organization and the Rocky Mountain Educational Research Association, Tempe.

Sabers, D. L. (1991). Issues in performance assessment. Arizona Educational Research Organization annual conference, Flagstaff.

Sabers, D. L. (1992). Performance assessment--Are we asking too much? Eighth Annual Arizona Assessment Conference, Tempe.

Hutchinson, T. A., & Sabers, D. L. (1992). Changing assessment practices for ecological validity. American Speech-Language-Hearing Association Annual Convention, San Antonio.

Sabers, D. L., & Rein, J. (1992). Performance assessment: An example with content from educational research. Arizona Educational Research Organization, Phoenix.

Wilkes, G., Dean, D., & Sabers, D. (1992). Controlling systematic variance in research design: A closer look at Kerlinger's MAXMINCON. Arizona Educational Research Organization, Phoenix.

Sabers, D. L. (1992). Context: The forgotten aspect of measurement and research. Arizona Educational Research Organization, Phoenix.

Callahan, P. C., Midyett, J., Rein, J., & Sabers, D. (1996). There's a whole lot more to student-problem matrices than what Haladyna saw. Symposium conducted at the annual meeting of the Arizona Educational Research Organization, Phoenix.

Franklin, M., McHale, B. G., Kapp, R. C., & Sabers, D. L. (1999). The school psychologist as researcher: A blueprint for future practice. 1999 NASP Annual Convention Program and Abstract, 126, Las Vegas.

Crehan, K. D., Hess, R., Lawrence, A., & Sabers, D. (2000). Validity issues in teacher certification testing. Panel discussion at the annual meeting of the Arizona Educational Research Organization, Tucson.

McHale, B., Obrzut, J., Sabers, D., & Mishra, S. (2000). PA188 risk factors for aggression by special education students. National Association of School Psychologists Annual National Convention, Washington, DC.

Rein, J. A., & Sabers, D. L. (2001). From abstract to complete: Venn diagrams foster the understanding of complex relationships. American Educational Research Association Annual Meeting, Seattle.

Hsu, Y., Jones, P., Sabers, D. (2004). The effectiveness of computer-assisted instruction in statistics education: a meta-analysis. American Educational Research Association Annual Meeting, San Diego.

Xu, Y, Jones, P., Sabers, D. (2004). An exploration using data mining in educational and behavioral science. American Educational Research Association Annual Meeting, San Diego.

Bailey, R., Szabo, Zs., & Sabers, D. (2004). Validation approaches to assess design process knowledge. American Society for Engineering Education Annual Conference, Portland, Oregon.

Bailey, R., Szabo, Zs., & Sabers, D. (2004). Integrating education students in the assessment of engineering courses. American Society for Engineering Education Annual Conference, Portland, Oregon.

Bailey, R., Szabo, Zs., & Sabers, D. (2004). Providing k-12 preservice teachers with classroom assessment experience. Arizona Educational Research Organization Conference, Phoenix, AZ.

Bailey, R., Szabo, Zs., & Sabers, D. (2004). Preservice teachers applying analytic rubrics in an engineering class. Arizona Educational Research Organization Conference, Phoenix, AZ.

Hedgepeth, D., & Sabers, D. (2008, November). What do the 6-trait scores represent in AIMS writing tests? Arizona Educational Research Organization, Phoenix.

Sabers, D., & Midyett, J. (2008, November). Trait variability on AIMS writing tests. Arizona Educational Research Organization, Phoenix.

Sun, H., & Sabers, D. L. (2009, October). The Impact of Model Selection on Dependability and Generalizability Coefficients in a Generalizability Study: Random Facet or Fixed Facet? Paper presented at the annual meeting of the Mid-Western Educational Research Association, St. Louis, MO.

GRANTS

Principal Investigator, U.S. Department of Transportation grant of \$130,000 for the Iowa Drivotest Project; funded 1969.

Riverside Publishing Company grant of \$20,000 for developing a proposal for a revision of the Stanford-Binet Intelligence Scale, 1994-1995.

Faculty Development Grant for \$3,500 (Technology), 1996.

Research faculty on U.S.D.O.E. grant for \$884,109 (total for five years), Shirin Antia, Principal Investigator. 2001-2007.

Co-Investigator, NSF Planning grant Learning by Design: Integrating Pre-service Teachers with the Assessment of Engineering Courses for 598,626 (One Academic Year, 03-04), Vern Johnson (College of Engineering and Mines) Principal Investigator, 2003-2004.

Principal Investigator, UC-Berkeley psychometric subaward for \$70,000 funded by U.S.D.O.E. grant no. R305K050186 for test analyses and research design, 2005-2008 (Extension through 2010).

Principal Investigator, PERC award (\$32,000) for 3-year evaluation of the First Job Project with Tucson-area schools, 2007-2010.

EDUCATIONAL CONSULTANT/EVALUATOR ON THE FOLLOWING GRANTS

National Fund for Medical Education (funded January 1977; \$52,000). A New System for Teaching Physical Diagnosis.

Department of Health, Education, and Welfare (funded October 1977; \$103,000), renewed October 1979, \$130,000). A team approach to delivery of arthritis health care.

National Institute of Health, Supplemental Grant to SAC (funded December 1978; \$45,000). Programmed arthritis patient as a teacher evaluator.

National Institute of Education (funded July 1980; \$12,191). The effect of the test wiseness on the reading achievement scores of minority populations.

Fund for the Improvement of Postsecondary Education (funded October 1980; \$270,000). Patient instructors: A new methodology to assess clinical competence and ensure quality health care.

University of Arizona Foundation (funded December, 1993; \$4,425). Evaluation of first-year program effects on minority retention.

University of Arizona grant of \$38,749 for two companion proposals studying virtual reality with Mining & Geological Engineering, Anthropology, and Material Science & Engineering Faculty, 1994.

Consultant, 6-year NIH contract, Aquiles Iglesias, Temple University, Principal Investigator, 1997-2004.

EVALUATOR FOR

Primary language arts program (Bisbee, AZ)
 Visual discrimination: A key to learning (Amphitheater Schools)
 Career education (Santa Cruz County, AZ)
 Sonoran Experience (Sunnyside School District, Tucson)
 Project Impact (Sunnyside School District, Tucson)

MEMBERSHIPS (not all current)

American Educational Research Association (AERA)
 American Evaluation Association
 Arizona Educational Research Organization (Founder)
 Arizona Association of School Psychologists
 National Council on Measurement in Education
 Phi Delta Kappa
 Rocky Mountain Educational Research Association
 Southwest Educational Research Association
 AERA Special Interest Group -- Rasch Measurement
 AERA Special Interest Group -- Adolescence
 AERA Special Interest Group -- Professors of Educational Research
 AERA Special Interest Group -- State and Regional Research Associations

ASSOCIATE EDITOR

American Educational Research Journal (1985-1988)

BOARD OF CONSULTING EDITORS

Journal of Psychoeducational Assessment (1985-present)
 The Journal of Special Education (1987-2003)
 Psychology in the Schools (2005-present)

UNIVERSITY COMMITTEES

Human Subjects Committee, member, 1971-1975
 Human Subjects Committee, referee, 1975-1976
 President's Advisory Committee on the Reorganization of the College of Education, 1984
 Committee on Committees, member, 1986-1989
 Faculty Peer Review Committee for The Small Grants Program, 1986-1989
 Committee on Graduate Study, member, 1986-1991, 1998-2001
 Research Computing Advisory Committee, 1992-1994
 Reader for Upper-Division Writing Proficiency Examination.
 Leadership Team on Outcomes Assessment, 2007

COLLEGE AND DIVISION COMMITTEES

College Committee to Evaluate M.A. Comprehensive Exams, (University of Iowa), 1970-1971
 College Graduate Studies Committee, 1972-1973, 1984-1985
 College Reorganization Umbrella Committee, 1984
 Psychoeducational Studies Division Reorganization Committee (chair), 1984
 College Graduate Studies Committee (chair), 1985-1987
 Division Committee on Faculty Status, 1987-1988
 Division Merit Committee, 1989
 College Awards and Recognition Committee (alternate) 1992-1993
 College Technology Team, 1992-1993
 College Personnel Committee, 1992-1993, 2007, 2009
 Reader for Upper-Division Writing-Proficiency Examination, 1995, 1996, 1997, 1998, 2000
 Academic Program Review Committee, Chair, 1996
 Personnel Committee for Educational Administration/Leadership program, 1997
 Ad-hoc College Committee to review junior faculty proposals, 1997
 College Committees for student appeal of grades, 1994, 1996
 Faculty Salary Committee, 1998-present
 Professional Preparation Board (PPB) for transforming teacher education, 2000-2001
 Honors Forum, 2000-2002
 Personnel Committee for Physical Education, 2001
 Small Grants Committee, 2002-2003
 Personnel Committee for Higher Education, 2007

DEPARTMENT COMMITTEES

Curriculum Committee, 1974-1975
 Human Subjects Committee, 1976-1978, 1980-1981
 Promotion and Tenure Committee, 1978-1981, 1983-1985
 Graduate Studies Committee, 1972-1973, 1975-1980, 1982-1986, 1990-?
 Advisory Committee, 1982-1985
 Graduate Program Committee, 1986-1987
 Department Personnel Committee, 1990-1995, 2001, 2006-2007
 School Counseling Assistant Professor Search Committee, Chair, 2000-2001
 Department Head Search Committee, 2001
 Educational Psychology Search Committee, 2006, 2007-2008
 Academic Program Review Committee, chair, 2007-2008

LOCAL COMMITTEES

Amphitheater Substance Abuse Task Force, 1986-1988
 Tucson Summer Youth Employment Program Educational Advisory Committee, 1986-1990

STATE COMMITTEES

Arizona Board of Regents, Technical Advisory Committee on Admission Testing for Teacher Education Degree Programs, 1984-1985
 Technical Advisory Committee for Teacher/Administrator Examinations, Arizona Department of Education, 1999-2000.
 Advisory Committee for Arizona MAP and Proposition 301 Assessments, Arizona Department of Education, 2000-2002

REGIONAL COMMITTEES

- Co-Chairperson, Rocky Mountain Educational Research Association, annual meeting, 1973
- Program Chairperson, Rocky Mountain Educational Research Association, annual meeting, 1976
- Board of Directors, Rocky Mountain Educational Research Association, 1974-present
- Conference Coordinator, Rocky Mountain Educational Research Association annual meeting, 1983, 1987
- Member, Financial Committee, Southwest Educational Research Association, 1985-1986

NATIONAL COMMITTEES

- DrivoTEST Advisory Committee, 1970
- Biological Photographic Association Video-Tape Committee, 1975
- American Diabetes Association Committee for the National Medical Audiovisual Center, 1976
- Scientific Services Personnel Committee for U.S. Army Training Management Institute, 1976
- Consultant/Reviewer for the National Institute of Arthritis, Metabolism, and Digestive Disease Scientific Evaluation Grant, 1978
- Faculty Senate Review Committee for the Department of Educational Foundations, University of New Mexico, 1985
- AERA/ACT E. F. Lindquist Award Committee, Chair designate, 1986; Chair, 1987
- Secretary-Treasurer, State and Regional Educational Research Associations (AERA Special Interest Group) 1987-1989
- Head, Graduate Unit Review Team for External Evaluation of the University of New Mexico's Psychological Foundations of Education program (February, 1997)

OTHER CONTRIBUTIONS TO THE PROFESSION

- Served as Consulting Editor for Merrill Publishing Company and The Psychological Corporation 1978-1993.
- Chaired the committee to select the outstanding research paper at the annual convention: Rocky Mountain Educational Research Association 1987, 1990
- Chaired the committee to select the outstanding research paper at the annual convention: Arizona Educational Research Organization 1988-1990

REVIEWED MANUSCRIPTS FOR

- Educational and Psychological Measurement
- Behavior Therapy
- Journal of Educational Measurement
- Pediatrics
- Journal of Psychoeducational Assessment
- National Council on Measurement in Education
- American Educational Research Association
- Merrill Publishing Company
- Harcourt, Brace & Jovanovich
- Allyn & Bacon
- Macmillan Publishing Company
- Prentice Hall
- American Educational Research Journal
- Journal of Consulting and Clinical Psychology

School Psychology Review
 Annals of Internal Medicine
 Journal of Special Education
 Educational Measurement: Issues and Practice
 Educational Researcher
 Wm. C. Brown Publishing Company
 Language, Speech, and Hearing Services in Schools
 Bilingual Research Journal
 Journal of Speech, Language, and Hearing Research
 Journal of School Psychology

CONSULTANT TO

Aetna Life and Casualty, Drivers Education Service (Hartford, CT)
 American Diabetes Association (New York)
 Amphitheater School District (Tucson)
 Arizona Center for Educational Research (University of Arizona)
 Arizona Right to Read Commission
 Arizona School for the Deaf and Blind
 Behavior Associates (Tucson)
 Catalina Foothills School District (Tucson)
 College of Medicine, University of Arizona
 Columbus School District (OH)
 Dallas Independent School District (Texas)
 DeVry Institutes of Technology
 Education for Parenthood (National Voluntary Organizations)
 ESEA Title 1 Evaluation Conference (Tucson)
 Flowing Wells School District (Tucson)
 IECE Assessment Task Project for Kentucky State Department of Education
 Iowa Department of Public Safety
 Indian Oasis-Baboquivari Unified School District
 Montana State Department of Education
 National Medical Audiovisual Center (Atlanta)
 National Institute of Health (Atlanta)
 Parents Anonymous (National Evaluation Project)
 Paradise Valley School District
 Pueblo School District No. 60 (Pueblo, CO)
 Region 10 Education Services (IA)
 Region 12 Education Services, Project Child, (Dallas, TX)
 Riverside Publishing Company
 Sahuarita School District
 Training Management Institute (Fort Eustis, VA)
 Transportation Safety Research Program (University of Iowa)
 Triple-T Enterprises (Iowa City)
 Tucson Unified School District (AZ)
 Tucson Electric Power Company
 Washington School District #6, (Phoenix)
 Wilbur Smith & Associates (New Haven, CT)
 William E. Morris Institute for Justice (Phoenix)

Served as **EXTERNAL REVIEWER** for faculty promotion and tenure decisions for the following universities:

University of Virginia
 University of New Mexico
 Vanderbilt University (George Peabody College)
 Michigan State University
 Memphis State University
 University of Nebraska
 Ohio State University
 The Hebrew University (Israel)
 University of Pittsburgh
 University of Nevada, Las Vegas
 University of Oregon

Regional Test supervisor for ESAA Projects (American College Testing Program, Iowa City), 1973-1976

UNPUBLISHED REPORT OF A NATIONAL ADVISORY GROUP

Cole, N. S., Nitko, A. J., Sabers, D. L., & Thorndike, R. L. (1976). Evaluation of the predictive ability test for use in army selection and classification: Report one. Battelle Columbus Laboratories and Training Management Institute.

SYMPOSIA ORGANIZED

Innovations in achievement testing. Rocky Mountain Educational Research Association annual meeting, 1983
 Innovations in aptitude testing. Rocky Mountain Educational Research Association annual meeting, 1983
 Measuring effectiveness of school programs. Rocky Mountain Educational Research Association annual meeting, 1986
 Assessment of discrepancy between ability and achievement. Arizona Association of School Psychologists annual meeting, 1988
 Causal modeling (with analysis by LISREL) in assessing effectiveness of programs and measures. Arizona Educational Research Organization annual meeting, 1988.

INVITED DISCUSSANT:

National Council on Measurement in Education, 1973
 American Educational Research Association, Division D, 1981
 American Educational Research Association, Division I, 1981
 Florida Educational Research Association, 1982
 Virginia State Department of Education, 1984
 American Educational Research Association, Division D, 1985
 National Council on Measurement in Education, 1988
 RMERA/AERO joint annual meeting, 1990, 1991

INVITED ADDRESSES:

- Test wiseness and its impact on math achievement. Arizona Association of Teachers of Mathematics Southern Regional Conference, (with S. Powers) 1981
- Norming a customized test. Florida Educational Research Association annual meeting, (with P. Jones) 1982
- Student scores/content validity--The relationship and implications. Arizona Evaluation Conference, 1983
- The paradox in educational testing. Task Force on Pupil Achievement Testing, Arizona Department of Education, 1984
- Test analysis for objective-referenced tests, The Annual Testing Commission, Charlotte, 1984
- Relationship between percentile ranks and grade equivalents for the California Achievement Test and the Iowa Tests of Basic Skills. Arizona Evaluation Conference, 1984
- The paradoxes in educational measurement. Southwest Educational Research Association annual meeting, 1985
- Paradoxes in educational measurement: Murphy was in measurement. (Keynote address) Iowa Measurement Conference, 1985
- Two tales for each statistic: How we interpret research findings. (Keynote address) Rocky Mountain Educational Research Association 20th annual conference, 1989
- Using the modified caution index in test interpretation. Rocky Mountain Educational Research Association 22nd annual conference, 1991.
- Looking at Life from Both Sides: A Cloudy Perspective. (Featured Speaker) College of Education Hooding Ceremony, The University of Arizona, May, 1997.

INVITED CHAIR:

- American Educational Research Association annual meeting, Special Interest Group on State and Regional Associations, Distinguished papers session, 1986
- National Council on Measurement in Education annual meeting, Teacher-constructed tests, 1986

EDITORIAL CONSULTANT for two monographs:

- Introduction to clinical medicine (Association of American Medical Colleges, 1977)
- The non-physician in medical education (University of Arizona, 1978)

TEST PUBLISHER REPRESENTATIVE at presentation of Standards for Educational and Psychological Tests by the Joint Committee at the American Psychological Association, American Educational Research Association, and National Council on Measurement in Education, New York, 1982

AUTHOR AND CHIEF CONSULTANT on State-Adopted Achievement Test

- Test of Essential Language and Literacy Skills (TELLS), Harrisburg, PA: Pennsylvania State Board of Education, 1984

EDITOR (or Consulting Editor) for the following tests:

- Templin-Darley Tests of Articulation (2nd ed.)
- Iowa Tests of Music Literacy
- Iowa Algebra Aptitude Test (3rd ed.)
- Kepner Mid-year Algebra Achievement Test
- Iowa Geometry Aptitude Test (3rd ed.)

Clinical Evaluations of Language Functions
 Nonverbal Test of Cognitive Skills
 Bracken Basic Concepts Scale
 Sequential Assessments of Mathematics Instruction (SAMI)
 Normative Adaptive Behavior Checklist
 Comprehension Test of Adaptive Behavior
 Tests of Language Competence
 Matrix Analogies Tests--Expanded Form and Short Form
 Multilevel Academic Survey Test
 Clinical Evaluations of Language Fundamentals-Revised
 Tests of Language Competence--Expanded Edition
 CELF-R Screening Test
 Test of Academic Performance (TOAP)

CONFERENCE ORGANIZER

Second Biennial Conference on Minority Assessment (with S. P. Mishra), Tucson, 1985
 Third Biennial Conference on Minority Assessment (with S. P. Mishra), Tucson, 1987

OUTREACH TO PUBLIC SCHOOLS

(Individual single school visits not included; too numerous to recall)
 Workshop on criterion-referenced assessment: St. John area public schools and Wilcox area public schools, 1972.
 Presentations to Amphitheater School Board and administrator groups on annual statewide test results, almost annually from 1984-1997.
 Continuous Assessment project, Holaway Elementary and Copper Creek Elementary Schools, 1996.
 Presentation on the Measure of Academic Progress (MAP) for curriculum directors from southern Arizona school district, followed by consultation with individual districts (1999-2000)

ADVISORY BOARD

Annual Editions: Research Methods, McGraw-Hill/Dushkin, 2001/2002