

Spring, 2021

Curriculum Vitae

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Education:

B.A., Psychology, St. Louis University, June 1971
Ph.D., Behavioral Sciences, The University of Chicago, August 1976

Academic Honors and Affiliations:

1971	Elected to Phi Beta Kappa, St. Louis University
1971-1972	NDEA Title IV fellow, University of Chicago
1972-1975	NSF Graduate fellow, University of Chicago
1973-	Member, Psychometric Society
1979-	Member, American Statistical Association (Fellow, 2006-)
1985-	Member, National Council on Measurement in Education
1989	Elected to Sigma Xi, University of Kansas
1990-	Member, American Psychological Society (Fellow, 1998-)
1994-1998	Senior Fellow, National Institute of Statistical Sciences
1999-2000	President-elect, Psychometric Society
2000-2001	President, Psychometric Society
2001-2002	Past President, Psychometric Society
2015	NCME Award for Career Contributions to Educational Measurement

Teaching Interests:

Statistical methods in the behavioral sciences
Psychometric theory
Graphics and statistics in psychological contexts

Research Interests:

Psychometrics, item response theory
Models for human growth and development
Graphics and statistics in psychological contexts

Editorial Activities:

Reviewer for *Applied Psychological Measurement*
Reviewer for *Journal of Educational Measurement*
Reviewer for *Journal of Educational and Behavioral Statistics*
Reviewer for *British Journal of Mathematical and Statistical Psychology*
Reviewer for *Psychometrika*
Reviewer for *Psychological Methods*
Book Review Editor for *Psychometrika*, 1980-1984
Associate Editor, *Psychometrika*, 1986-2002
Advisory Editor, *Journal of Educational Measurement*, 1989-1995
Editorial Board, *Psychological Methods*, 1995-2000
Editor, *Journal of Educational and Behavioral Statistics*, 2005-2007

Teaching and Research experience:

1976 Visiting Assistant Professor, Department of Psychology,
McGill University (Summer)
1976-1981 Assistant Professor, Department of Psychology,
University of Kansas
1981-1987 Associate Professor, Department of Psychology,
University of Kansas
1987-1990 Professor, Department of Psychology,
University of Kansas
1990-2003 Professor and Director, Quantitative Program, Department of
Psychology, University of North Carolina at Chapel Hill
1991-2003 Acting Director, L.L. Thurstone Psychometric Laboratory,
University of North Carolina at Chapel Hill
2003-2020 Professor, Quantitative Program, Department of
Psychology, University of North Carolina at Chapel Hill
2021- Professor Emeritus, Quantitative Program, Department of
Psychology & Neuroscience, University of North Carolina at Chapel Hill

Publications:

Bock, R.D., Wainer, H., Petersen, A., Thissen, D., Murray, J. & Roche, A.F. (1973). A parameterization for individual human growth curves. *Human Biology*, 45, 63-80.

Thissen, D. & Wainer, H. (1973). Gapper: An IBM 360 program for finding gaps in univariate data strings. *Behavioral Science*, 18, 77-78.

Thissen, D. & Wainer, H. (1973). *EXPAK: Exploratory data analysis package: A FORTRAN IV program*. Ann Arbor: National Educational Resources, Inc.

Roche, A.F., Wainer, H. & Thissen, D. (1974). The Roche-Wainer-Thissen method of predicting adult stature. *Proceedings of the Compte-Rendu de la XII Reunion Des Equippes Charge Des sur la Croissance et le Developpement de L'Enfant Normal*. Paris, Pp. 50-62.

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Roche, A.F., Wainer, H. & Thissen, D. (1975). Predicting adult stature for individuals. *Monographs in Pediatrics*, 3, Basel: Karger.

Roche, A.F., Wainer, H. & Thissen, D. (1975). *Skeletal maturity: The knee joint as a biological indicator*. New York: Plenum Medical Book Co.

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Ph.D. Dissertation Advisees:

1993

Valerie S.L. Williams, *An evaluation of item response theory for the investigation of differential item functioning*

Now at RTI Health Solutions: Senior Director, Psychometrics

1994

Mary McFarlane, *Nonlinear multilevel modeling of growth*

Now at the Centers for Disease Control: Behavioral Scientist

Mary Pommerich, *Incorporating background variables into the Mantel-Haenszel procedure for detecting differential item functioning*

Now at the Defense Manpower Data Center: Psychometrician

1995

Wen-Hung Chen, *Estimation of item parameters for the three-parameter logistic model using the marginal likelihood of summed scores*

Now at the Food and Drug Administration (FDA): Social Science Analyst

1997

Maria Orlando Edelen, *Item fit in the context of item response theory*

Now at RAND: Senior Behavioral Scientist

1998

Kimberly Swygert, *An examination of item response times on the GRE-CAT*

Now at the National Board of Medical Examiners: Director, Research and Development, Test Development

Lori D. McLeod, *Alternative methods for the detection of item preknowledge in computerized adaptive testing*

Now at RTI Health Solutions: Head, Psychometrics & Executive Director, Patient-Centered Outcomes Assessment

2004

Carol M. Woods, *Item response theory with estimation of the latent population distribution using spline-based densities*

Now at the Smarter Balanced Assessment Consortium, UC Santa Cruz: Associate Director of Psychometrics

Lauren Nelson, *A multilevel item response theory model for time structured data*

Now at RTI Health Solutions: Senior Director, Psychometrics, Patient-Centered Outcomes Assessment

2005

Michael C. Edwards, *A Markov chain Monte Carlo approach to confirmatory item factor analysis*

Now at Arizona State University: Associate Professor of Psychology

2006

Cheryl D. Hill (Cheryl D. Coon), *Two models for longitudinal item response data*

Now at Outcometrix: Principal

2008

Li Cai (Advised jointly with Bud MacCallum), *A Metropolis-Hastings Robbins-Monro algorithm for maximum likelihood nonlinear latent structure analysis with a comprehensive measurement model*

Now at the University of California at Los Angeles: Professor of Advanced Quantitative Methods in the Social Research Methodology Division of the Graduate School of Education and Information Studies; Co-Director, Center for Research on Evaluation, Standards, and Student Testing

Michelle M. Langer, *A reexamination of Lord's Wald test for differential item functioning using item response theory and modern error estimation*

Now at the American Institutes for Research: Senior Psychometrician and Research Scientist

2011

Brian D. Stucky, *Logistic approximations of marginal trace lines for bifactor item response theory models*

Now at the Los Alamos National Laboratory: Data Scientist

2015

Yang Liu, *Generalized fiducial inference for graded response models*

Now at the University of Maryland College of Education: Assistant Professor, Department of Human Development and Quantitative Methodology

2016

Brooke Magnus, *Item Response Modeling of Multivariate Count Data with Zero-Inflation, Maximum Inflation, and Heaping*

Now at Marquette University: Assistant Professor of Psychology

Extramural Research Funding (1992 -):

1992: Principal Investigator: Preliminary contract for “Research in support of the development of the North Carolina End of Grade Testing Program,” funded as a supplement to the project “Preparation of LEA report Cards,” North Carolina Department of Public Instruction, \$27,370.

1992-1993: Principal Investigator: “Research in support of the development of the North Carolina End of Grade Testing Program,” North Carolina Department of Public Instruction, \$37,322.

1992: Principal Investigator: “Item response theory and local dependence: An alternative to the Q3 statistic,” Law School Admission Services, \$8,517.

1993-1994: Principal Investigator: “Research in support of the North Carolina Testing Programs—1993-94,” North Carolina Department of Public Instruction, \$54,871.

1993-1995: Principal Investigator: “Implications for the LSAT of new developments in item response theory,” Law School Admission Services, \$70,946.

1994-1995: Principal Investigator: “Research in support of the North Carolina End of Grade and End of Course Testing Programs—1994-95,” North Carolina Department of Public Instruction, \$57,956.

1994-1996: Participant (as Senior Fellow at NISS) in “Analysis, exploration and inference in large educational data sets,” funded by the National Center for Education Statistics and NSF RED-9350005 to the National Institute of Statistical Sciences.

1995-1996: Principal Investigator: “Research in support of the North Carolina End of Grade and End of Course Testing Programs—1995-96,” North Carolina Department of Public Instruction, \$59,895.

1995-1998: Principal Investigator: “Implications for the LSAT of new developments in item response theory,” Law School Admission Services, \$89,797.

1996-1997: Principal Investigator: “Research in support of the North Carolina Department of Public Instruction Testing Programs—1996-97,” North Carolina Department of Public Instruction, \$61,922.

1997-1998: Principal Investigator: “Research in support of the North Carolina Department of Public Instruction Testing Programs—1997-98,” North Carolina Department of Public Instruction, \$70,995.

1998-1999: Principal Investigator: “Research in support of the North Carolina Department of Public Instruction Testing Programs—1998-99,” North Carolina Department of Public Instruction, \$80,722.

1998-1999: Principal Investigator: “Implications for the LSAT of new developments in item response theory,” Law School Admission Services, \$31,769.

1999-2000: Principal Investigator: “Research in support of the North Carolina Department of Public Instruction Testing Programs—1999-2000,” North Carolina Department of Public Instruction, \$79,256.

1999-2000: Principal Investigator: “Implications for the LSAT of new developments in item response theory,” Law School Admission Services, \$35,069.

2000-2001: Principal Investigator: “Research in support of the North Carolina Department of Public Instruction Testing Programs—2000-2001,” North Carolina Department of Public Instruction, \$82,268.

2000-2001: Principal Investigator: “Implications for the LSAT of new developments in item response theory,” Law School Admission Services, \$36,404.

2001-2002: Principal Investigator: "Research in support of the North Carolina Department of Public Instruction Testing Programs—2001-2002," North Carolina Department of Public Instruction, \$91,234.

2001-2002: Principal Investigator: "Implications for the LSAT of new developments in item response theory," Law School Admission Services, \$38,915.

2002-2003: Principal Investigator: "Research in support of the North Carolina Department of Public Instruction Testing Programs—2002-2003," North Carolina Department of Public Instruction, \$89,522.

2002-2003: Principal Investigator: "Implications for the LSAT of new developments in item response theory," Law School Admission Services, \$40,156.

2003-2004: Principal Investigator: "Research in support of the North Carolina Department of Public Instruction Testing Programs—2003-2004," North Carolina Department of Public Instruction, \$89,522.

2004-2005: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$92,817.

2004-2006: Principal Investigator: "A program of research in test theory to support the reporting of subscale scores on large scale assessments such as the SAT." The College Board, \$127,581.

2004-2009: Co-Investigator: "Health and literacy in child and adult assessment." National Institutes of Health, \$4,089,872.

2005-2006: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$93,396.

2006-2007: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$94,001.

2007-2008: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$84,469.

2008-2009: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2009-2010: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2009-2013: Co-Investigator: "PROMIS Pediatrics: Longitudinal Validation and Linking Pediatric and Adult Item Banks" National Institutes of Health, \$3,898,444.

2010-2011: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2011-2012: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2012-2013: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2013-2014: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2014-2016: Co-Investigator: "PROMIS Validation in Prospective Population-based Prostate Cancer Research Study" National Institutes of Health (NIH) / National Cancer Institute, \$283,860.

2014-2016: Co-Investigator: "Measuring Patient-Centered Communication (PCC) for Colorectal Cancer Care and Research," Patient-Centered Outcomes Research Institute (PCORI), \$895,363.

2014-2018: Co-Investigator: "The National Person-Centered Assessment Resource (PCAR)," National Institutes of Health (NIH) / National Cancer Institute (NCI)," \$3,199,780.

2014-2015: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2015-2016: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2015-2019: Co-Investigator: "Enhancing Clinical Meaningfulness And Usefulness Of PROMIS Pediatric Measures Via Validation In Children And Adolescents With Rheumatic Disease, Cancer, Or Inflammatory Bowel Disease," National Institutes of Health (NIH) / National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), \$734,200.

2015-2018: Statistician: "Large Scale Psychometric Assessment of the ECERS-3," Institute of Education Sciences, \$1,585,103.

2016-2017: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2017-2018: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2018-2019: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

2019-2020: Principal Investigator: "Technical and coordination support for the North Carolina public schools testing programs and the State Board of Education's new ABCs accountability program," North Carolina Department of Public Instruction, \$76,539.

Unpublished papers and presentations:

- Wainer, H. & Thissen, D. Multivariate semi-metric smoothing in a problem of multiple prediction. Paper presented at the annual meeting of Psychometric Society, Stanford University, March 29, 1974.
- Roche, A. F., Wainer, H. & Thissen, D. The prediction of adult stature from childhood variables. Paper presented at the annual meeting of American Association of Physical Anthropologists, 43rd Meeting, Amherst, Mass., April 11-13, 1974.
- Thissen, D. & Wainer, H. Some hard correlations and a robust estimate of scale: accuracy and efficiency. Invited paper, Psychometric Society, The University of Iowa, April 24-26, 1975
- Wainer, H. & Thissen, D. On the robustness of naive estimators of correlation. Psychometric Society, Bell Laboratories, April 1-3, 1976.
- Bock, R.D. & Thissen, D. Fitting multi-component models for growth in stature. Invited paper, 9th International Biometric Conference, Boston, August 22-27, 1976.
- Thissen, D. Incorporating item response latencies in latent trait estimation. Doctoral dissertation, The University of Chicago, 1976.
- Thissen, D. Response latency and individual differences: An integration in a general latent trait model. Paper presented at the annual meeting of the American Educational Research Association, New York, N.Y., April 5, 1977.
- Thissen, D. & Bock, R.D. Incorporating item response latencies in latent trait estimation: An application to the measurement of spatial ability. Paper presented at the annual meeting of the Psychometric Society, Chapel Hill, N.C., June 16-17, 1977.
- Thissen, D. Analytical parameter estimation for threshold models of signal detection. Paper presented at the European meeting of the Psychometric Society, Uppsala, Sweden, June 15-17, 1978.
- Thissen, D. Measuring logical reasoning without latent traits: Scoring Mastermind. Paper presented at the Annual Meeting of the Psychometric Society, Monterey, CA June 8-10, 1979.
- Thissen, D. Latent trait scoring of timed ability tests. Invited paper presented at the Computerized Adaptive Testing Conference, Minneapolis, Minn., June 27-30, 1979.
- Thissen, D. & Bock, R.D. Bayesian estimation for nonlinear growth models. Paper presented at the Joint Statistical Meetings, Washington, D.C. August 13-16, 1979.
- Bock, R.D. & Thissen, D. Statistical problems of fitting curves for individual growth in stature. Paper presented at the NATO Advanced Study Institute on Problems of Analyzing Growth Data, Urbino, Italy, May 28-June 7, 1979.
- Himes, J., Roche, A.F., Thissen, D. & Moore, W. Parent-specific assessment of recumbent length and stature. Paper presented at the annual meeting of American Association of Physical Anthropologists, Boston, April, 1979.
- Wright, J.C., Huston-Stein, A., Potts, R., Rice, M., Calvert, S., Greer, D., Watkins, B.A., Thissen, D. & Zapata, L. Formal Features of Children's TV Programs as Predictors of Viewership by Age and Sex: A Tale of Three Cities. Paper presented at the meeting of the Southwestern Society for Research on Human Development, Lawrence, Kansas, March 27-29, 1980.
- Schadler, M. & Thissen, D. The development of automatic word recognition and reading skills. Invited paper presented at the meeting of the Midwestern Psychological Association, St. Louis, May 1-3, 1980.

- Thissen, D. & Baker, L. Identifying influential observations: Some uses for the influence function of the correlation coefficient. Paper presented at the annual meeting of the Psychometric Society, Iowa City, May 28-30, 1980.
- Kemper, S. & Thissen, D. Dimensions of requests. Paper presented at the 14th Annual Mid-America Linguistics Conference, Lawrence, Ks., October 24-25, 1980.
- Schadler, M., Thissen, D. & Fisher, D. Xs Interfere. Paper presented at the 21st Annual Meeting of the Psychonomic Society, St. Louis, November 13-15, 1980.
- Schadler, M., Thissen, D. & Fisher, D. Cross-sectional and longitudinal investigation of automatic word recognition. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, April 22-24, 1981.
- Thissen, D. Marginal maximum likelihood as an alternative to conditional maximum likelihood estimation for the one-parameter logistic and linear logistic models. Invited paper presented at the annual meeting of the Psychometric Society, Chapel Hill, N.C., May 27-29, 1981.
- Baker, L., Thissen, D. & Fulker, D.W. Maximum likelihood estimation of covariance matrices from incomplete data. Paper presented at the annual meeting of the Psychometric Society, Chapel Hill, N.C., May 27- 29, 1981.
- Thissen, D. & Steinberg, L. An item response theory for attitude scales (and other normal things). Paper presented at the annual meeting of the Psychometric Society, Montreal, June 2, 1982.
- Thissen, D. & Wainer, H. Confidence envelopes for item response functions. Invited paper presented at the conference on Computerized Adaptive Testing, Minneapolis, Minn., July 1982.
- Thissen, D. & Steinberg, L. Some item response theories for multiple choice items. Paper presented at the annual meeting of the Psychometric Society, Los Angeles, June 27, 1983.
- Winsberg, S., Thissen, D. & Wainer, H. Fitting item characteristic curves with spline functions. Paper presented at the annual meeting of the Psychometric Society, Los Angeles, June 27, 1983.
- Steinberg, L. & Thissen, D. Some consequences of non-monotonic trace lines in Item Response Theory. Paper presented at the annual meeting of the Psychometric Society, Santa Barbara, June 25, 1984.
- Thissen, D. & Wainer, H. Some comparisons of IRT ability estimators under the wrong model. Paper presented at the annual meeting of the Psychometric Society, Santa Barbara, June 25, 1984.
- Thissen, D. & Sykes, R.C. Prediction of growth using the triple logistic model. Invited presentation at the annual meeting of the Psychometric Society, Santa Barbara, June 27, 1984.
- Wainer, H. & Thissen, D. Estimating ability with the wrong model. Paper presented at the ONR Contractor's Conference, Educational Testing Service, Princeton, N.J. Oct. 8, 1984.
- Winsberg, S., Thissen, D. & Wainer, H. Fitting item characteristic curves with spline functions. Paper presented at the annual meeting of the American Educational Research Association, Chicago, April 3, 1985.
- Thissen, D. & Steinberg, L. A taxonomy of item response models. Paper presented at the annual meeting of the Psychometric Society, Nashville, June 3, 1985.

- Thissen, D. Measurement precision and “reliability”: Some considerations of metrics and stopping rules in CAT. Paper presented at the annual meeting of The Military Testing Association, San Diego, October 22, 1985.
- Thissen, D. Non-monotonic item characteristic curves. Invited presentation at the annual meeting of the American Educational Research Association, San Francisco, April 19, 1986.
- Thissen, D. A four-parameter logistic item response model. Paper presented at the ONR Contractors' Meeting on Model-based Psychological Measurement, Gatlinburg, April 29, 1986.
- Thissen, D. Use of item response theory in the study of group differences in trace lines. Invited presentation at the Test Validity Conference, Educational Testing Service, Princeton, May 28, 1986.
- Thissen, D. The formulation and representation of item response models for multidimensional ability tests with guessing. Paper presented at the annual meeting of the Psychometric Society, Toronto, June 23, 1986.
- Thissen, D. Statistical estimation of skeletal maturity. Invited presentation at the annual meeting of the American Association of Physical Anthropologists, New York City, April 3, 1987.
- Thissen, D. (1987). Comments on the NCME Symposium “Unexpected differential item performance and its assessment among Black, Asian-American, and Hispanic students.” In A.P.Schmitt & N.J. Dorans (Eds), *Differential item functioning on the Scholastic Aptitude Test*. Educational Testing Service Research Memorandum RM-87-1, Princeton, N.J.
- Thissen, D. Loglinear models in item response theory. Paper presented at the annual meeting of the Psychometric Society, Montreal, June 19, 1987.
- Thissen, D. Test development: Repealing rules which no longer apply. Invited presentation at the annual meeting of the American Psychological Association, New York City, August 29, 1987.
- Thissen, D., Steinberg, L. & Mooney, J.A. Trace lines for testlets: A use of multiple-categorical-response models. Invited presentation at the annual meeting of the American Educational Research Association, New Orleans, April 6, 1988.
- Thissen, D., Steinberg, L. & Mooney, J.A. Applications of IRT models for ordered and semiordered “item” responses. Paper presented at the annual meeting of the Psychometric Society, Los Angeles, June 28, 1988.
- Thissen, D. Applications of item response theory in mental health research. Invited presentation at the annual meeting of the Psychometric Society, Los Angeles, June 29, 1988.
- Thissen, D. An intellectual history of item response theory. Paper presented at the Fifth Workshop on Item Response Theory, University of Twente, The Netherlands, October 11, 1988.
- Thissen, D. Applications of loglinear item response theory. Paper presented at the Fifth Workshop on Item Response Theory, University of Twente, The Netherlands, October 12, 1988.
- Thissen, D. Multiple choice models: The distractors are also part of the item. Paper presented at the Fifth Workshop on Item Response Theory, University of Twente, The Netherlands, October 12, 1988.
- Thissen, D. Trace lines for testlets: A use of multiple-categorical-response models. Paper presented at the Fifth Workshop on Item Response Theory, University of Twente, The Netherlands, October 13, 1988.

- Thissen, D. & Mooney, J.A. Imputation of missing responses using item response theory: Simple models and methods. Invited presentation at the annual meeting of the Psychometric Society, Los Angeles, July 8, 1989.
- Thissen, D., Steinberg, L. & Wainer, H. Detection of *differential item functioning* using the parameters of item response models. Invited presentation at the conference on *Differential Item Functioning: Theory and Practice*, Educational Testing Service, Princeton, NJ, October 6-7, 1989.
- Thissen, D. Parameter estimation for item response models with (some) nonnormal population distributions. Paper presented at the annual meeting of the Psychometric Society, Princeton, NJ, June 30, 1990.
- Thissen, D. The visual method of steepest descent. Paper presented at the annual meeting of the Psychometric Society, New Brunswick, NJ, June 14, 1991.
- Thissen, D. Modest multilevel models and methods: An introduction. Paper presented at the annual meeting of the Psychometric Society, Columbus, Ohio, July 11, 1992.
- Thissen, D. Item response theory in psychological research. Invited address presented at the annual meeting of the American Psychological Association, Washington, DC, August 14, 1992.
- Averett, C. & Thissen, D. Standard-setting for End-of-Grade. Invited paper presented at the Annual Research & Development Conference, North Carolina Department of Public Instruction, Greensboro, NC, January 27-28, 1993.
- Averett, C., Sanford, E. & Thissen, D. What have we learned from the End-of-Grade field tests? Invited paper presented at the Annual Research & Development Conference, North Carolina Department of Public Instruction, Greensboro, NC, January 27-28, 1993.
- Thissen, D. Polychotomous models in item response theory. Invited presentation at the annual meeting of the American Educational Research Association, Atlanta, GA, April 13, 1993.
- Thissen, D., Sanford, E. & Vickers, D. The validity and reliability of open-ended measures (or when is a score really a score?). Invited paper presented at the Accountability, Innovation and Technology Conference, North Carolina Department of Public Instruction, Greensboro, NC, November 8-10, 1993.
- Thissen, D. Score reporting on performance assessments. Invited paper presented at the National Conference on Large Scale Assessment, Albuquerque, NM, June 14-17, 1994.
- Thissen, D. Technical considerations in scaling and reporting open-ended measurements in large-scale assessment. Paper presented at the National Conference on Large Scale Assessment, Albuquerque, NM, June 14-17, 1994.
- Thissen, D. How can statewide accountability systems accommodate variations in student learning rates? Paper presented at the National Conference on Large Scale Assessment, Albuquerque, NM, June 14-17, 1994.
- Thissen, D., Pommerich, M., & Billeaud, K. Item response theory for combining scores on tests including polychotomous items with ordered responses. Paper presented at the annual meeting of the Psychometric Society, Champaign-Urbana, IL June 23-26, 1994.
- Chen, W. & Thissen, D. Indices of local dependence for item pairs using item response theory. Paper presented at the annual meeting of the Psychometric Society, Champaign-Urbana, IL June 23-26, 1994.

- Thissen, D., Billeaud, K., Davis, L.A., Sanford, E., & Williams, V.S.L. Linking state assessment scores to the NAEP scale. Paper presented at the Education Information Advisory Committee (EIAC) Assessment subcommittee meeting, New Orleans, LA, January 19-20, 1995.
- Thissen, D., Billeaud, K., Davis, L.A., Sanford, E., & Williams, V.S.L. Linking the North Carolina End-of-Grade mathematics test to the NAEP scale. Paper presented at the National Institute of Statistical Sciences workshop "Perspectives on statistics for educational research," Research Triangle Park, NC, April 7-8, 1995.
- Chen, W.H. & Thissen, D. Estimation of item parameters for the three-parameter logistic model using summed scores. Paper presented at the annual meeting of the Psychometric Society, Minneapolis, MN June 15-18, 1995.
- V.S.L. Williams, M. Pommerich, & Thissen, D. A comparison of developmental scales based on Thurstone methods and item response theory. Paper presented at the annual meeting of the Psychometric Society, Minneapolis, MN June 15-18, 1995.
- Thissen, D., Billeaud, K., Davis, L.A., Sanford, E., & Williams, V.S.L. Projection of results on the NAEP scale, using data from the North Carolina End-of-Grade testing program. Paper presented at the annual meeting of the Psychometric Society, Minneapolis, MN June 15-18, 1995.
- Steinberg, L & Thissen, D. Uses of IRT and the concept of the testlet in measurement. Paper presented at the annual meeting of the Psychometric Society, Minneapolis, MN June 15-18, 1995.
- Thissen, D., Billeaud, K., Davis, L.A., Sanford, E., & Williams, V.S.L. Projection of results on the NAEP scale, using data from the North Carolina End-of-Grade testing program. Paper presented at the annual Joint Statistical Meetings, Orlando, FL, August 13-17, 1995.
- Billeaud, K., Nelson, L., Swygert, K., & Thissen, D. Linear approximations for scaled scores developed with item response theory for combinations of multiple-choice and open-ended items. Paper presented at the annual meeting of the Psychometric Society, Banff, Alberta, Canada, June 27-30, 1996.
- Steinberg, L. & Thissen, D. The empirical consequences of response-category recombination, as viewed with item response theory. Paper presented at the annual meeting of the Psychometric Society, Banff, Alberta, Canada, June 27-30, 1996.
- Thissen, D. Validity issues surrounding cut score use. Invited presentation at "Cut score us in testing: Implications for civil rights law," a Workshop sponsored by the Board on Testing and Assessment of the National Research Council/National Academy of Sciences. Washington, DC, October 28, 1996.
- Thissen, D. NAEP as an anchor for other assessments. Invited presentation at "NAEP's mission and reconceptualization," a Workshop sponsored by the Committee on the Evaluation of National and State Assessments of Educational Progress of the National Research Council/National Academy of Sciences. Washington, DC, May 1-2, 1997.
- Thissen, D. & Orlando, M. Graphical fit displays for dichotomous item response theory models. Paper presented at the annual meeting of the Psychometric Society, Gatlinburg, TN, June 26-29, 1997.
- Thissen, D. Scoring Tests, with Special Consideration for Tests that Combine Different Kinds of Assessments, and Tests that Yield Several Closely-Related Scores. A Series of Presentations for the Summer Graduate Students (and others) at Educational Testing Service, July 14-18, 1997.

- Thissen, D. Mixed item formats: Impact on setting standards. Invited presentation for the National Assessment Governing Board Achievement Levels Committee Workshop, Boulder, CO, August 20-22, 1997.
- Thissen, D. Linkage studies. Invited presentation at the Working Meeting on the Voluntary National Tests of the Board on Testing and Assessment of the National Research Council/National Academy of Sciences. Washington, DC, December 5-6, 1997.
- Thissen, D. Linking to NAEP: The North Carolina experience. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA, April 13-17, 1998.
- Thissen, D. Scaled scores for CATs based on linear combinations of testlet scores. Paper presented at the annual meeting of the National Council on Measurement in Education, San Diego, CA, April 14-16, 1998.
- Yung, Y.F, Thissen, D., & McLeod, L.D. Higher-order factor models and hierarchical factor models: Equivalent? Paper presented at the annual meeting of the Psychometric Society, Champaign-Urbana, IL, June 17-21, 1998.
- Thissen, D. Some item response theory to provide scale scores based on linear combinations of testlet scores, for computerized adaptive tests. Paper presented at the annual meeting of the Psychometric Society, Champaign-Urbana, IL, June 17-21, 1998.
- Thissen, D. Scaling the North Carolina High School Comprehensive Test (NCHSCT) in reading and mathematics. Invited presentation at the North Carolina Department of Public Instruction 1999 Accountability/Testing Conference, Greensboro, NC, February 15-17, 1999.
- Thissen, D. Discussion of "Explaining the congruence between a state's assessment and NAEP: Methods and results from the content analysis project." Invited presentation at the annual meeting of the American Educational Research Association, Montreal, PQ, Canada, April 19-23, 1999.
- Orlando, M. & Thissen, D. Further investigation of the performance of $S-X^2$: An item fit index for use with dichotomous item response theory Models. Paper presented at the annual meeting of the Psychometric Society, Lawrence, KS, June 24-27, 1999.
- Thissen, D. Results obtained using various methods for scoring adaptive tests using (patterns of testlet) summed scores. Paper presented at the annual meeting of the Psychometric Society, Lawrence, KS, June 24-27, 1999.
- Thissen, D. Reactions from the measurement perspective. Invited presentation at the "Workshop on Market Basket Reporting for NAEP," sponsored by the Committee on NAEP Reporting Practices of the National Research Council/National Academy of Sciences. Washington, DC, February 7-8, 2000.
- Thissen, D. Item response theory: What is it and how is it used in test development? Invited presentation at the North Carolina Department of Public Instruction 2000 Accountability/Testing Conference, Greensboro, NC, February 14-16, 2000.
- Thissen, D. Discussion of "Adaptive testing research at ACT." Invited presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA, April 25-27, 2000.
- Thissen, D. Combining and reporting scores from mixed assessment formats. Invited presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA, April 25-27, 2000.

- Thissen, D. Results obtained using various methods for scoring adaptive tests based on multiple-forms structures. Invited presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA, April 25-27, 2000.
- Thissen, D. Flora, D., Reeve, B., & Vevea, J.L. Linear Approximations for Item Response Theory Response Pattern Scores. Paper presented at the annual meeting of the Psychometric Society, Vancouver, BC, Canada, July 6-8, 2000.
- Thissen, D. Scaling the New Math, EOC, and Computer Skills Tests. Invited presentation at the North Carolina Department of Public Instruction 2001 Accountability/Testing Conference, Greensboro, NC, January 29-31, 2001.
- Thissen, D. Discussion of "Statistical Research in Computerized Adaptive Testing." Invited presentation at the annual meeting of the National Council on Measurement in Education, Seattle, WA, April 11-13, 2001.
- Thissen, D. Differential Item Functioning: State of the Art. Presentation at the annual meeting of the National Council on Measurement in Education, Seattle, WA, April 11-13, 2001.
- Thissen, D. Discussion of "Test Reliability." Invited presentation at the annual meeting of the National Council on Measurement in Education, Seattle, WA, April 11-13, 2001.
- Thissen, D. Psychometric engineering as art. Presidential address presented at the annual meeting of the Psychometric Society, Valley Forge, PA, June 21-24, 2001.
- Thissen, D. Psychometric engineering as art. Presidential address presented at the International Meeting of the Psychometric Society, Osaka, Japan, July 16-19, 2001.
- Thissen, D. Invited discussion at the "Workshop on Performance Assessments for Adult Education: Exploring Measurement Issues," sponsored by the Board on Testing and Assessment of the National Research Council/National Academy of Sciences. Washington, DC, December 12-13, 2001.
- Thissen, D. Psychometric updates. Invited presentation at the North Carolina Department of Public Instruction 2002 Accountability/Testing Conference, Greensboro, NC, February 18-20, 2002.
- Thissen, D. Scaling the New EOG (Second Edition) Reading Tests. Invited presentation at the North Carolina Department of Public Instruction 2003 Accountability Conference, Greensboro, NC, February 17-19, 2003.
- Rodebaugh, T.L., Woods, C.M., Thissen, D., Heimberg, R.G., Chambless, D.L., & Rapee, R.M. More Information from Fewer Questions: The Factor Structure and Item Properties of the Original and Brief Fear of Negative Evaluation Scale. Poster presented at the 37th annual meeting of the Association for the Advancement of Behavior Therapy (AABT), Boston, MA, November 20-23, 2003.
- Thissen, D. Psychometric update. Invited presentation at the North Carolina Department of Public Instruction 2004 Accountability Conference, Greensboro, NC, February 16-18, 2004.
- Thissen, D. 30 Years in 30 Minutes: Item Response Theory (IRT) and Computerized Adaptive Testing (CAT). Paper presented to the Ad Hoc Committee on the Adaptive Behavior Assessment Instrument (ABAI) Development meeting at the Annual Meeting of the American Association on Mental Retardation, Philadelphia, PA, June 1, 2004
- Edwards, M.C. & Thissen, D. Defining and finding optimal designs for uMFS CATs. Paper presented at the annual meeting of the Psychometric Society, Monterey, CA, June 14-17, 2004.
- Thissen, D. & Hill, Cheryl D. Infinite slope estimates in item response theory. Paper presented at the annual meeting of the Psychometric Society, Monterey, CA, June 14-17, 2004.

- Woods, C.M. & Thissen, D. Item Response Theory with Estimation of the Latent Population Distribution Using Spline-Based Densities. Paper presented at the annual meeting of the Psychometric Society, Monterey, CA, June 14-17, 2004.
- Thissen, D. Comments on Developing Tailored Instruments: Item Banking and Computerized Adaptive Assessment. Paper presented at the conference "Advances in Health Outcomes Measurement," Bethesda, Maryland, June 23-25, 2004.
- Thissen, D. Traditional test theory (pre-IRT classical results). Presentation at the NAEP State Service Center Winter Assessment Conference, Scottsdale, AZ, February 8-10, 2005.
- Thissen, D. Models and assumptions of basic dichotomous item response theory (IRT-1). Presentation at the NAEP State Service Center Winter Assessment Conference, Scottsdale, AZ, February 8-10, 2005.
- Thissen, D. Test scoring (IRT-2). Presentation at the NAEP State Service Center Winter Assessment Conference, Scottsdale, AZ, February 8-10, 2005.
- Thissen, D. & Edwards, M.C. Diagnostic Scores Augmented Using Multidimensional Item Response Theory: Preliminary Investigation of MCMC Strategies. Paper presented at the annual meeting of the National Council on Measurement in Education, Montreal, PQ, Canada, April 12-14, 2005.
- Thissen, D. Linking assessments based on aggregate reporting: Background and issues. Invited presentation at the conference on Linking and Aligning Scores and Scales: A Conference in Honor of Ledyard R Tucker's Approach to Theory and Practice. Princeton, NJ, June 24-25, 2005.
- Tassé, M.J., Balboni, G., Borthwick-Duffy, S.A., Horner, R.H., Scherba de Valenzuela, J., Schalock, R.L., Sprat, S., Thissen, D., Wacker, D.P., Widaman, K.F., & Zhang, D. Conceptualizing and measuring adaptive behavior in the 21st century. Poster presented at Summit 2005: Alliance for Full Participation, Washington, DC, September 22-23, 2005.
- Edwards, M.C., Hill, C.D., Langer, M.M., Wirth, R.J., Thissen, D., Varni, J.W., & Burwinkle, T.M. Lessons learned from confirmatory factor analysis of the PedsQL™ 4.0 Generic Core Scales. Paper presented at the 12th Annual Conference of the International Society for Quality of Life Research, San Francisco, CA, October 19-22, 2005.
- Hill, C.D., Edwards, M.C., Langer, M.M., Wirth, R.J., Thissen, D., Varni, J.W., & Burwinkle, T.M. Lessons learned from using item response theory to examine the PedsQL™ 4.0 Generic Core Scales. Paper presented at the 12th Annual Conference of the International Society for Quality of Life Research, San Francisco, CA, October 19-22, 2005.
- Bjorner, J.B., Christensen, K.B., Orlando, M., & Thissen, D. Testing the fit of item response theory models for patient reported outcomes. Poster presented at the 12th Annual Conference of the International Society for Quality of Life Research, San Francisco, CA, October 19-22, 2005.
- Thissen, D. Discussion: Cross-state comparisons (using school-level data). Invited presentation at the Symposium on the Use of School-Level Data for Evaluating Federal Education Programs, Board on Testing and Assessment of the National Academies, Washington, DC, December 9, 2005.
- Thissen, D. & Kramer, L. Edition III math - What we know and where we're headed. Invited presentation at the North Carolina Department of Public Instruction 2006 Accountability Conference, Greensboro, NC, February 15-17, 2006.

- Thissen, D. & Steinberg, L. Using item response theory to disentangle constructs at different levels of generality. Invited presentation at the conference on New Directions in Psychological Measurement with Model-Based Approaches, Georgia Institute of Technology, Atlanta, GA, February 17-18, 2006.
- Thissen, D. Discussion: Multidimensionality in IRT. Presentation at the annual meeting of the National Council on Measurement in Education, San Francisco, CA, April 8-10, 2006.
- Thissen, D, Cai, L, & Bock, R.D. A new parameterization of the nominal item response model. Presentation at IMPS 2006, the 71st Annual Meeting of the Psychometric Society, Montreal, PQ, Canada, June 14-17, 2006.
- Thissen, D. Discussion: Comments on local independence, local dependence, and the evolving nature of item response theory. Presentation at the Inaugural PROMIS Conference: Building Tomorrow's Patient-Reported Outcome Measures. Gaithersburg Marriott Washingtonian Center, Gaithersburg, MD, September 11-13, 2006.
- Thissen, D. Discussion: Measuring Growth Using Vertical Scales and Other Means—Invited Symposium. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL, April 10-12, 2007.
- Thissen, D. Panel discussion: The partnership between research and policy in educational testing. Presentation at the annual meeting of the American Educational Research Association, Chicago, IL, April 9-13, 2007.
- Edwards, M., & Thissen, D. Multi-stage computerized adaptive testing with uniform item exposure. Presentation at the 2007 GMAC[®] Conference on Computerized Adaptive Testing, Minneapolis, MN, June 7-8, 2007.
- Thissen, D. A Psychometric Perspective on the Recommendations of the Blue Ribbon Commission on Accountability. Invited presentation at the North Carolina Department of Public Instruction 2008 Accountability Conference, Greensboro, NC, February 11-13, 2008.
- Thissen, D., Langer, M.M., Stucky, B., Irwin, D., Scanlon, K, DeWalt, D., Burwinkle, T., Varni, J., & DeWitt, E. You can see a lot just by looking. Presentation at The Second PROMIS Conference: Improving Measurement of Patient-Reported Outcomes—New Tools and the Science Behind Them. Bethesda, MD, March 2-5, 2008.
- Stucky, B., Langer, M.M., Thissen, D., Irwin, D., Scanlon, K, DeWalt, D., Burwinkle, T., Varni, J., & DeWitt, E. Progress on a New Measure of Health-Related Quality of Life for Pediatric Use: Selected Preliminary Results from Factor-Analytic Investigations of Emotional Quality of Life. Presentation at The Second PROMIS Conference: Improving Measurement of Patient-Reported Outcomes—New Tools and the Science Behind Them. Bethesda, MD, March 2-5, 2008.
- Langer, M.M., Stucky, B., Thissen, D., Irwin, D., Scanlon, K, DeWalt, D., Burwinkle, T., Varni, J., & DeWitt, E. Progress on a New Measure of Health-Related Quality of Life for Pediatric Use: Selected Preliminary Results from Factor-Analytic Investigations of Social Quality of Life. Presentation at The Second PROMIS Conference: Improving Measurement of Patient-Reported Outcomes—New Tools and the Science Behind Them. Bethesda, MD, March 2-5, 2008.
- Langer, M.M., Stucky, B., Thissen, D., Irwin, D., Scanlon, K, DeWalt, D., Burwinkle, T., Varni, J., & DeWitt, E. Progress on a New Measure of Health-Related Quality of Life for Pediatric Use: The Data Sources, Analysis Plans, and Selected Preliminary Results. Poster at The Second PROMIS Conference: Improving Measurement of Patient-Reported Outcomes—New Tools and the Science Behind Them. Bethesda, MD, March 2-5, 2008.

- DeWitt, E.M., Thissen, D., Langer, M.M., Lee, T., Stucky, B., Lovell, D.J., Wilder, R.S., & Weinfurt, K.P. Item Response Theory Analysis of Self-Reported CHAQ in JIA. Poster at The Second PROMIS Conference: Improving Measurement of Patient-Reported Outcomes—New Tools and the Science Behind Them. Bethesda, MD, March 2-5, 2008.
- DeWitt, E.M., Thissen, D., Langer, M.M., Lee, T., Stucky, B., Lovell, D.J., Wilder, R.S., & Weinfurt, K.P. Item Response Theory Analysis of Self-Reported CHAQ in JIA. Poster at the 2008 ACR Keystone Pediatric Rheumatology Symposium. Keystone, CO, March 1-5, 2008.
- Thissen, D. Issues in use of mixed (normal, clinical) calibration samples. Presentation at the PROMIS Psychometric Summit, Evanston, IL, June 4, 2008.
- Thissen, D. IRT extreme. Presentation at the College Board's AP IRT Research Meeting, New York, NY, June 9-10, 2008.
- Cai, L., & Thissen, D. Implementation of a Supplemented EM Algorithm to Compute the Error Covariance Matrix for ML Parameter Estimates in Item Response Theory Models. Presentation at the International Meeting of the Psychometric Society, Durham, NH, June 29-July 2, 2008.
- Stucky, B.D., & Thissen, D. Item Response Theory for Weighted Summed Scores. Presentation at the International Meeting of the Psychometric Society, Durham, NH, June 29-July 2, 2008.
- Balboni, G., Tassé, J., Schalock, R.L., Bersani, H. Jr., Borthwick-Duffy, S.A., Horner, R.H., Scherba de Valenzuela, J., Spreat, S., Thissen, D.M., Wacker, D.P., Widaman, K.F., & Zhang, D. Diagnostic Adaptive Behavior Scale (DABS): A new scale to use for the diagnosis of intellectual disabilities. Presentation at the 6th Conference of the International Test Commission, Liverpool, UK, 92, July 13 - 16, 2008.
- Thissen, D. The future of item response theory for health outcomes measurement. Invited presentation at the International Conference on Outcomes Measurement. Bethesda, MD, September 11-13, 2008.
- Stucky, B.D., Langer, M.M., Thissen, D., Irwin, D., Scanlon, K., DeWitt, E.M., Varni, J., Burwinkle, T., & DeWalt, D.A. Item-analysis of the Social and Emotional Scales of a Pediatric Quality of Life Measure. Presentation at the 15th Annual Conference of the International Society for Quality of Life Research, Montevideo, Uruguay, October 22 -25, 2008.
- Thissen, D. Item response theory and the dimensions of patient-reported health outcomes. Invited presentation at the Department of Psychology, Katholieke Universiteit, Leuven, Belgium, December 16, 2008.
- DeWalt, D., & Thissen, D. PROMIS pediatrics: Large scale testing results. Presentation at the PROMIS Steering Committee meeting, Bethesda, MD January 12, 2009.
- Thissen, D. Discussion--Modern Psychological Measurement: New Developments in Item Response Theory. Invited presentation at the 21st Annual Convention of the Association for Psychological Science, San Francisco, CA, May 22-25, 2009.
- Thissen, D. The MEDPRO Project: An SBIR Project for a Comprehensive IRT and CAT Software System—IRT Software. Presentation at the 2009 GMAC® Conference on Computerized Adaptive Testing, Minneapolis, MN, June 2-3, 2009.
- Tassé, M., Schalock, R.L., Balboni, G., Bersani, H. Jr., Duffy, S.A., Scherba de Valenzuela J., Spreat, S., Thissen, D., Widaman, K.F., & Zhang, D. Presentation of the AAIDD Diagnostic Adaptive Behavior Scale. Presentation at the annual meeting of the American Association on Intellectual and Developmental Disabilities, "Creating Enviable Lives: The Business Plan Conference." New Orleans, LA, June 9-12, 2009.
- Thissen, D. IRTPRO demonstration. Invited presentation at the SAMSI Program on Psychometrics, Research Triangle Park, NC, July 7-17, 2009.

- Thissen, D. Item Response Theory Then 'til Now, and Then Some. Invited presentation at the 25th Workshop on IRT in Twente, The Netherlands, October 12-14, 2009
- Stucky, B.D., Irwin, D.E., Thissen, D, DeWitt, E.M., Varni, J.W., Lai, J.S., Yeatts, K.B., DeWalt, D.A. Design and Sample Characteristics of the PROMIS Pediatrics Large Scale Survey. Presentation at the 16th Annual Conference of the International Society for Quality of Life Research, New Orleans, LA, October 28-31, 2009.
- Irwin, D.E., Stucky, B.D., Thissen, D, Lai, J.S., DeWitt, E.M., Varni, J.W., Yeatts, K.B., DeWalt, D.A. Development of the PROMIS Pediatric Emotional Distress Item Banks. Presentation at the 16th Annual Conference of the International Society for Quality of Life Research, New Orleans, LA, October 28-31, 2009.
- DeWitt, E.M., Stucky, B.D., Thissen, D, Irwin, D.E., Varni, J.W., Lai, J.S., Yeatts, K.B., DeWalt, D.A. Development and Evaluation of PROMIS Pediatric Physical Function Item Banks. Presentation at the 16th Annual Conference of the International Society for Quality of Life Research, New Orleans, LA, October 28-31, 2009.
- Lai, J.S., Stucky, B.D., Thissen, D, Irwin, D.E., DeWitt, E.M., Varni, J.W., DeWalt, D.A. Development of the PROMIS Pediatric Fatigue Item Bank. Presentation at the 16th Annual Conference of the International Society for Quality of Life Research, New Orleans, LA, October 28-31, 2009.
- Thissen, D. Discussion: National and international assessment linkages at grade 8: NAEP and ECLS/TIMSS. Invited presentation at the Fifth Annual IES Research Conference, National Harbor, MD, June 28-30, 2010.
- Thissen, D. Blurring boundaries in test linking: The use of multidimensional IRT calibration as projection. Presentation at the International Meeting of the Psychometric Society, Athens, GA, July 7-9, 2010.
- Thissen, D. Scale Linking: Background, Multidimensional IRT Calibration as Projection, Plans to Consider Linkage of PROMIS Pediatric and Adult Scales. Invited presentation at PROMIS Psychometric Summit III, Chicago, IL, September 27-28, 2010.
- Gross, H, Hinds, P.W., Dampier, C., DeWitt, E.M., Antmann, D., Thissen, D., Stucky, B., Liu, Y., DeWalt, D.A. Emotional and Social Health in Children With Chronic Medical Conditions: Quality of Life Outcomes and Contributing Factors. Poster at the Biennial Meeting of the Society for Research in Child Development, Montreal, Quebec, Canada, March 31-April 2, 2011.
- Thissen, D. IRTPRO. Invited presentation at PROMIS Psychometric Summit IV, Warrenton, VA, July 12-13, 2011.
- Thissen, D. Psychometric engineering redux: Making a PROMIS®. Invited keynote address at the International Meeting of the Psychometric Society, Hong Kong, July 19-22, 2011.
- Thissen, D. Discussion: Special models with special solutions: Statistical issues in hierarchical item factor analysis. Invited presentation at the International Meeting of the Psychometric Society, Hong Kong, July 19-22, 2011.
- Liu, Y., & Thissen, D. Identifying local dependence with a score test statistic based on the bifactor 2-parameter logistic model. Presentation at the International Meeting of the Psychometric Society, Hong Kong, July 19-22, 2011.
- Thissen, D. Stories about the National Assessment of Educational Progress, with emphasis on validity issues. Invited presentation at the Workshop on Modern Psychometric and Statistical Methods for Large Scale Assessments, Beijing, China, July 25-27, 2011.

- DeWitt, E.M., Gross, H., Stucky, B.D., Liu, Y., Thissen, D., Lovell, D.J., Wallace, C.A., Fries, J.F., Bruce, B., Rabinovich, E.C., Schanberg, L.E., & Dewalt, D. Cross-Sectional Validation of the Patient Reported Outcome Measurement Information System Pediatric Scales in Juvenile Idiopathic Arthritis, Childhood Systemic Lupus Erythematosus, and Juvenile Dermatomyositis. Poster presented at the 2011 ACR/ARHP Annual Scientific Meeting, Chicago, IL, November 4-9, 2011.
- Thissen, D. From subtest scores to subscores: Multidimensional item response theory and “diagnostic Assessment”. Invited presentation at the workshop “Statistical Methods in Diagnostic Assessments” sponsored by the Statistics Department, Columbia University, New York, NY, April 27-28, 2012.
- Massie, S., Tolleson-Rinehart, S., Laughon, M., Powell, L., DeWalt, D.A., Magnus, B., Thissen, D., & Price, W., for the PRPOS Study Group. Proxy-reported pulmonary outcomes scale for preterm infants with bronchopulmonary dysplasia. Poster presented at the 2012 Pediatric Academic Societies’ Annual Meeting, Boston, Massachusetts, April 28-May 1, 2012.
- Thissen, D. Using the testlet response model as a shortcut to multidimensional item response theory subscore computation. Presentation at the International Meeting of the Psychometric Society, Lincoln, NE, July 10-12, 2012.
- Thissen, D. R. Darrell Bock. Invited presentation in the symposium “A Look at Our Psychometric History: Contributions of Thurstone, Lindquist, Anastasi, Bock, Messick, and Holland” at the Annual Meeting of the National Council on Measurement in Education, San Francisco, CA, April 28-30, 2013.
- Thissen, D., & Norton, S. What Might Changes in Psychometric Approaches to Statewide Testing Mean for NAEP? Presentation in the symposium “NAEP and the Challenges Presented by a Move to the Common Core State Standards” at the Annual Meeting of the American Educational Research Association, Philadelphia, PA, April 3-7, 2014.
- Thissen, D. The interval scale of item response theory. Presentation in the symposium “Equal Intervals and Vertical Scales: Figments of a Psychometric Imagination?” at the Annual Meeting of the National Council on Measurement in Education, Philadelphia, PA, April 4-6, 2014.
- Thissen, D. Item response models, scale scores, and data analysis with filter questions and/or positive traits or “censoring by death”: Many problems, many solutions. Presentation at the PROMIS Psychometric Summit, Crystal City, VA, June 16, 2014.
- Balboni, G., Tassé, J., Schalock, Borthwick-Duffy, S.A., Spreat, S., Thissen, D.M., Widaman, K.F., Zhang, D., & Navas, P. (2014). Diagnostic efficiency statistics of the diagnostic Adaptive Behavior scale. In P. Elosua (Ed.), *Book of abstracts of the 9th Conference of the International Commission* (pp. 195). San Sebastian, Spain: Universidad del Pais Vasco.
- Thissen, D., Liu, Y., Magnus, B., & Quinn, H. Extending the use of multidimensional IRT calibration as projection: Many-to-one linking and linear computation of projected scores. Presentation at the International Meeting of the Psychometric Society, Madison, WI, July 22-25, 2014.
- Magnus, B., Liu, Y., & Thissen, D. Modeling and Testing Differential Item Functioning in Unidimensional Binary Item Response Models with a Single Continuous Covariate: A Functional Data Analysis Approach. Presentation at the International Meeting of the Psychometric Society, Madison, WI, July 22-25, 2014.
- Thissen, D. NCME Career Award Presentation: Item Response Theory, Serendipity, and Bad Questions. Invited presentation at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL, April 17-19, 2015.

- Thissen, D. Discussion of “Improving Proficiency Estimation”. Invited presentation at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL, April 17-19, 2015.
- Liu, Y., Magnus, B., & Thissen, D. Semiparametric Modeling and Testing of Differential Item Functioning (DIF). Presentation at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL, April 17-19, 2015.
- Thissen, D. Growth through levels. Invited presentation at the Annual Meeting of the National Council on Measurement in Education, Washington, DC, April 9-11, 2016.
- Thissen, D. Standard setting: From educational assessment to health outcomes measurement (and back?). Presentation at the International Meeting of the Psychometric Society, Beijing, China, July 13-17, 2016.
- Thissen, D. DIF and factorial invariance for scales with seven response alternatives. Presentation at the International Meeting of the Psychometric Society, Asheville, NC, July 11-15, 2016.
- Magnus, B., & Thissen, D. Item response modeling of count data with inflation and heaping. Presentation at the International Meeting of the Psychometric Society, Asheville, NC, July 11-15, 2016.
- Chen, Y., Thissen, D., Niu, S., Su, L., Chen, L., Liang, H., Anand, D., Youngstrom, E.A., & Daughters, S.B. Differential Item Functioning (DIF) analysis for the Chinese version of the Behavioral Activation for Depression Scale. Poster presented at the Association for Behavioral and Cognitive Therapy's 50th Annual Convention, New York, NY, October 27-30, 2016.
- Thissen, D. Toward *Gedankenscience*. Presentation at the International Meeting of the Psychometric Society, Zurich, Switzerland, July 17-21, 2017.
- Thissen, D. Discussion of “Mapping state proficiency standards to the NAEP scale: New methods, new results”. Invited presentation at the Annual Meeting of the National Council on Measurement in Education, Chicago, IL, April 14-16, 2018.
- Thissen, D. L.L. Thurstone’s “Psychometric Laboratory”. Presentation at the International Meeting of the Psychometric Society, New York, NY, July 9-13, 2018.
- Loiselle, R., Parent, J., Forehand, R., Thissen, D., & Jones, D.J. Using crowd-sourcing technology to refine and evaluate parenting measures. Poster to be presented at the 52nd annual convention of the Association for Behavioral and Cognitive Therapies, Washington, D.C., November, 2018
- Thissen, D. Discussion of “Co-Evolution of Substantive and Methodological Research: The Case of Grit, Self-Regulation, and Motivation”. Presentation at the Annual Meeting of the American Educational Research Association, Toronto, Ontario, Canada, April 5-9, 2019.
- Thissen, D., & Thissen-Roe, A. Factor Score Estimation from the Perspective of Item Response Theory. Presentation at the International Meeting of the Psychometric Society, Santiago, Chile, July 15-19, 2019.
- Thissen, D. Discussion of the “Effects of Measurement Bias on Conclusions Made in Applied Research.” Presentation at the International Meeting of the Psychometric Society-Virtual, July 14-17, 2020.
- Thissen, D. Discussion of “CATs, BATs, and RATs—The Value of CAT for Educational Assessment.” NCME virtual session, August 27, 2020.