

James A. Wollack

Curriculum Vitae

Contact Department of Educational Psychology
University of Wisconsin
1025 West Johnson Street, #373
Madison, WI 53706

Phone: (608)-262-0675
jwollack@wisc.edu

Education

PhD **Educational Psychology, 1996, University of Wisconsin-Madison**
Major: Educational and Psychological Measurement
Minor: Statistics
Dissertation: *Detection of Answer Copying Using Item Response Theory*

MS **Educational Psychology, 1993, University of Wisconsin-Madison**

BS **Psychology, 1991, University of California at Davis**

Positions Held: University of Wisconsin

Department of Educational Psychology

2016 - present	Professor
2019 - 2024	Department Chair
2018 - 2019	Associate Chair
2009 - 2016	Associate Professor
2006 - 2009	Associate Research Professor
1997 - 2009	Lecturer

Testing & Evaluation Services

2007 - present	Director
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Center for Placement Testing

2007 - present	Director
2002 - 2007	Associate Scientist
1996 - 2002	Assistant Scientist

Affiliate Appointments

2024 - present	UW Center for Teaching and Research on Writing
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Journal Articles and Book Chapters

1. Sarac, M. & **Wollack, J. A.** (2026). Reducing score inflation through real-time routing of examinees with preknowledge. *Journal of Educational Measurement*, 63: e70023. <https://doi.org/10.1111/jedm.70023>.
2. Gorney, K. N. & **Wollack, J. A.** (2025). Using response times in answer similarity analysis. *Journal of Educational and Behavioral Statistics*, 50, 449-470. <https://doi.org/10.3102/10769986241248770>.
3. Gorney, K. N. & **Wollack, J. A.** (2023). Using item scores and distractors in person-fit assessment. *Journal of Educational Measurement*, 60, 3-27. <https://doi.org/10.1111/jedm.12345>.
4. Gorney, K. N., **Wollack, J. A.**, & Bolt, D. M. (2023). Using item scores and distractors to detect test speededness. *Applied Psychological Measurement*. <https://doi.org/10.1177/01466216231182149>.
5. Gorney, K. N., **Wollack, J. A.**, Sinharay, S., & Eckerly, C. (2023). Using item scores and distractors to detect item compromise and preknowledge. *Journal of Educational and Behavioral Statistics*, 48, 636-660. <https://doi.org/10.3102/10769986231159923>.
6. Pan, Y., Livne, O., **Wollack, J. A.** & Sinharay, S. (2023). Item Selection Algorithm Based on Collaborative Filtering for Item Exposure Control. *Educational Measurement: Issues and Practice*. <https://doi.org/10.1111/emip.12578>.
7. Pan, Y. & **Wollack, J. A.** (2023). A machine learning approach for the simultaneous detection of preknowledge in examinees and items when both are unknown. *Educational Measurement: Issues and Practice*, 42, 76-98. <https://doi.org/10.1111/emip.12543>.
8. Pan, Y., Sinharay, S., Livne, O., & **Wollack, J. A.** (2022). A machine learning approach for detecting item compromise and preknowledge in computerized adaptive testing. *Journal of Psychological Test and Assessment Modeling*, 64(4), 385-424.
9. Gorney, K. & **Wollack, J. A.** (2022). Does item format affect test security? *Practical Assessment, Research, and Evaluation*, 27(15). Available at: <https://scholarworks.umass.edu/pare/vol27/iss1/15>.
10. Gorney, K. N. & **Wollack, J. A.** (2022). Generating models for item preknowledge. *Journal of Educational Measurement*, 59, 22-42.
11. Gorney, K. N. & **Wollack, J. A.** (2022). Two new models for item preknowledge. *Applied Psychological Measurement*, 46, 447-461.
12. Kim, N., Bolt, D. M., & **Wollack, J. A.** (2022). Noncompensatory MIRT for passage-based tests. *Psychometrika*, 87, 992-1009.
13. Belov, D. & **Wollack, J. A.** (2021). Graph theory approach to detect examinees involved in test collusion. *Applied Psychological Measurement*, 45, 253-267.
14. Pan, Y. & **Wollack, J. A.** (2021). An unsupervised-learning-based approach to compromised items detection. *Journal of Educational Measurement*, 58, 413-433.
15. Bolt, D. M., Kim, N., **Wollack, J. A.**, Pan, Y., Eckerly, C., & Sowles, J. (2020). A psychometric model for discrete-option multiple choice items. *Applied Psychological Measurement*, 44, 33-48.
16. Lee, S. Y. & **Wollack, J. A.** (2020). Concurrent Use of Response Time and Response Accuracy for Detecting Examinees with Item Preknowledge (pp. 165-175). In M. J. Margolis and R. A. Feinberg (Eds.), *Integrating timing considerations to improve standardized testing practices*. Abingdon: Routledge.

17. Bolt, D. M., Lee, S., **Wollack, J. A.**, Eckerly, C., & Sowles, J. (2018). Application of Asymmetric IRT Modeling to Discrete-Option Multiple-Choice Test Items. *Frontiers in Psychology*, 9, retrieved at <https://doi.org/10.3389/fpsyg.2018.02175>.
18. Kim, N., Bolt, D. M., **Wollack, J.**, Pan, Y., Eckerly, C., & Sowles, J. (2018). Modeling examinee heterogeneity in discrete option multiple choice items. In M. Wiberg, S. A. Culpepper, R. Janssen, J. González & D. Molenaar (Eds.) (2019 - in preparation). *Quantitative Psychology: The 83rd Annual Meeting of the Psychometric Society, Columbia University, New York, 2018*. New York: Springer.
19. **Wollack, J.** & Schoenig, R. W. (2018). Cheating (pp. 260-265). In B. B. Frey (Ed.) *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*. Thousand Oaks, CA: SAGE Publications, Inc.
20. **Wollack, J. A.** & Cizek, G. J. (2017). Security issues in professional certification/licensure testing. In S. Davis-Becker & C. W. Buckendahl (Eds.) *Testing the Professions: Credentialing Policies and Practice* (pp. 178-209). New York, NY: Routledge.
21. Cizek, G. J. & **Wollack, J. A.** (2017). Exploring cheating on tests: The context, the concern, and the challenge. In G. J. Cizek & J. A. Wollack (Eds.) *Handbook of Quantitative Methods for Detecting Cheating on Tests* (pp. 3-19). New York, NY: Routledge.
22. **Wollack, J. A.** & Cizek, G. J. (2017). The future of quantitative methods for detecting cheating: Conclusions, cautions, and recommendations. In G. J. Cizek & J. A. Wollack (Eds.) *Handbook of Quantitative Methods for Detecting Cheating on Tests* (pp. 390-399). New York, NY: Routledge.
23. **Wollack, J. A.** & Eckerly, C. A. (2017). Detection of test tampering at the group level. In G. J. Cizek & J. A. Wollack (Eds.) *Handbook of Quantitative Methods for Detecting Cheating on Tests*, (pp. 214-231). New York, NY: Routledge.
24. **Wollack, J. A.** & Maynes, D. D. (2017). Detection of test collusion using cluster analysis. In G. J. Cizek & J. A. Wollack (Eds.) *Handbook of Quantitative Methods for Detecting Cheating on Tests* (pp. 124-150). New York, NY: Routledge.
25. **Wollack, J. A.** & Albanese, M. A. (2016). How to keep cheaters from passing the bar exam. *The Bar Examiner*, 85, 16-28.
26. **Wollack, J. A.** & Case, S. M. (2016). Maintaining fairness through test administration. In N. J. Dorans & L. Cook (Eds.) *Fairness in Educational Assessment and Measurement* (pp. 33-53), New York, NY: Routledge.
27. **Wollack, J. A.**, Cohen, A. S., & Eckerly, C. A. (2015). Detecting test tampering using item response theory. *Educational and Psychological Measurement*, 75, 931-953.
28. Fremer, J. J. & **Wollack, J. A.** (2013). Conclusion: The future of test security. In J. A. Wollack & J. J. Fremer (Eds.), *Handbook of Test Security* (pp. 343-349), New York, NY: Routledge.
29. **Wollack, J. A.** & Fremer, J. J. (2013). Introduction: The test security threat. In J. A. Wollack & J. J. Fremer (Eds.), *Handbook of Test Security* (pp. 1-13), New York, NY: Routledge.
30. Bolt, D. M., **Wollack, J. A.** & Suh, Y. (2012). Application of a multidimensional nested logit model to multiple-choice test items. *Psychometrika*, 77, 339-357.
31. Suh, Y., Cho, S.-J., & **Wollack, J. A.** (2012). A comparison of item calibration procedures in the presence of test speededness. *Journal of Educational Measurement*, 49, 285-311.

32. **Wollack, J. A.**, Sedivy, S. K., & Wollack, J. E. (2012). Book Review: Eyde, L., D., Robertson, G. J., & Krug, S. E. (2010). *Responsible Test Use: Case Studies for Assessing Human Behavior* (2nd Edition). Washington, DC: American Psychological Association. *Journal of Educational Measurement*, 49, 220-223.
33. Slaughenhaupt, B. L., Lester, R. A., Rowe, J. M., & **Wollack, J. A.** (2011). Design, implementation, and evaluation of a new core learning objectives curriculum for a urology clerkship. *The Journal of Urology*, 186, 1417-1421.
34. Lee, Y. -S., **Wollack, J. A.**, & Douglas, J. (2009). On the use of nonparametric ICC estimation techniques for checking parametric model fit. *Educational and Psychological Measurement*, 69, 181-197.
35. Goegebeur, Y., DeBoeck, P., **Wollack, J. A.**, & Cohen, A. S. (2008). A speeded item response model with gradual process change. *Psychometrika*, 73, 65-87.
36. **Wollack, J. A.** (2007). Cheating Detection at Your Fingertips: A Review of INTEGRITY. *Applied Psychological Measurement*, 31, 233-239.
37. Cohen, A. S., & **Wollack, J. A.** (2006). Test administration, security, scoring, and reporting. In R. L. Brennan (Ed.) *Educational Measurement* (4th ed., pp. 355-386). Westport, CT: American Council on Education/Praeger.
38. **Wollack, J. A.** (2006). Simultaneous Use of Multiple Answer Copying Indexes to Improve Detection Rates. *Applied Measurement in Education*, 19, 265-288.
39. Odell, K., **Wollack, J. A.**, & Flynn, M. (2005). Functional outcomes in patients with right hemisphere brain damage. *Aphasiology*, 19, 807-830.
40. **Wollack, J. A.** (2004). Detecting answer copying on high stakes tests. *The Bar Examiner*, 73, 35-45.
41. **Wollack, J. A.** (2003). Comparison of Answer Copying Indices on Real Data. *Journal of Educational Measurement*, 40, 189-205.
42. **Wollack, J. A.**, Cohen, A. S., & Wells, C. S. (2003). A method for maintaining scale stability in the presence of test speededness. *Journal of Educational Measurement*, 40, 307-330.
43. Bolt, D. M., Cohen, A. S., & **Wollack, J. A.** (2002). Item parameter estimation under conditions of test speededness: Application of a mixture Rasch model with ordinal constraints. *Journal of Educational Measurement* 39, 331-348.
44. **Wollack, J. A.**, Bolt, D. M., Cohen, A. S., & Lee, Y. -S. (2002). Recovery of item parameters in the nominal response model: A comparison of marginal maximum likelihood estimation and Markov chain Monte Carlo estimation. *Applied Psychological Measurement*, 26, 337-350.
45. Bolt, D. M., Cohen, A. S., & **Wollack, J. A.** (2001). A mixture item response model for multiple-choice data. *Journal of Educational and Behavioral Statistics*, 26, 381-409.
46. **Wollack, J. A.**, Cohen, A. S., & Serlin, R. C. (2001). Defining error rates and power for detecting answer copying. *Applied Psychological Measurement*, 25(4), 385-404.
47. **Wollack, J. A.** & Levin, J. R. (2001). Kadane's Index of Examination Copying, Reconsidered. *Chance* 14(1), 3-4.
48. **Wollack, J. A.** & Cohen, A. S. (1998). Detection of answer copying with unknown item and ability parameters. *Applied Psychological Measurement*, 22(2), 144-152.

49. **Wollack, J. A.** (1997). A nominal response model approach to detect answer copying. *Applied Psychological Measurement*, 21(4), 307-320.
50. Cohen, A. S., Kim, S. -H., & **Wollack, J. A.** (1996). An investigation of the likelihood ratio test for detection of differential item functioning, *Applied Psychological Measurement*, 20(1), 15-26.
51. Braden, J. P., **Wollack, J. A.**, & Allen, T. E. (1995). A reply to Kishor: Choosing the right metric. *Journal of Psychoeducational Assessment*, 13, 250-265.
52. Calder, A. E., Banning, J., & **Wollack, J. A.** (1995). The ECB renal patient questionnaire: Developing frequency-of-use guidelines. *Perspectives*, 15.

Books

1. Cizek, G. J. & **Wollack, J. A.** (Eds.) (2017). *Handbook of Quantitative Methods for Detecting Cheating on Tests*. New York, NY: Routledge.
2. **Wollack, J. A.** & Fremer, J. J. (Eds.) (2013). *Handbook of Test Security*. New York, NY: Routledge.

Minor Publications

1. Association of Test Publishers (ATP)/National College Testing Association (NCTA) (2015). *Proctoring Best Practices*.
2. **Wollack, J. A.** (2012). Big changes on horizon for University of Wisconsin placement tests. *The VOICE of WAFLT*, 39, 14-19.
3. National Council on Measurement in Education (NCME) (2012). *Testing and data integrity in the administration of statewide student assessment programs*. Madison, WI: Author.
4. Cohen, A. S. & **Wollack, J. A.** (2009). *Candidate Performance on the Uniform CPA Examination: 2009 Edition*. National Association of State Boards of Accountancy, Nashville, TN.
5. Cohen, A. S. & **Wollack, J. A.** (2008). *Candidate Performance on the Uniform CPA Examination: 2008 Edition*. National Association of State Boards of Accountancy, Nashville, TN.
6. **Wollack, J. A.** (2008). Tools for Retention: What the University of Wisconsin placement tests suggest about taking more foreign language in High School. *Voice of WAFLT*, 35(2), 21-24.
7. Cohen, A. S., & **Wollack, J. A.** (2007). *Candidate Performance on the Uniform CPA Examination: 2007 Edition*. National Association of State Boards of Accountancy, Nashville, TN.
8. **Wollack, J. A.** (2007). *Omega Worksheet* [Computer software]. Madison, WI: University of Wisconsin.
9. Cohen, A. S. & **Wollack, J. A.** (2006). *Candidate Performance on the Uniform CPA Examination: 2006 Edition*. National Association of State Boards of Accountancy, Nashville, TN.
10. Cohen, A. S. & **Wollack, J. A.** (2005). *Candidate Performance on the Uniform CPA Examination: 2005 Edition*. National Association of State Boards of Accountancy, Nashville, TN.
11. **Wollack, J. A.**, (2004). Helpful tips for creating reliable and valid classroom tests: Evaluating the Test. *The Learning Link*, 4(3), 2-4.
12. **Wollack, J. A.**, (2004). Workshop series: Creating valid and reliable classroom tests. *The Learning Link*, 4(3), 1.

13. Cohen, A. S. & **Wollack, J. A.** (2003). Helpful tips for creating reliable and valid classroom tests: Getting started - The test blueprint. *The Learning Link*, 3(4), 1-2.
14. **Wollack, J. A.**, (2003). Helpful tips for creating reliable and valid classroom tests: Writing and scoring essay and short-answer questions. *The Learning Link*, 4(2), 1-3.
15. **Wollack, J. A.**, (2003). Helpful tips for creating reliable and valid classroom tests: Writing multiple-choice questions. *The Learning Link*, 4(1), 1-3.
16. **Wollack, J. A.** (2001). Review of the Brigance Diagnostic Life Skills Inventory. In J. Impara and B. Plake (Ed.), *The fourteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
17. **Wollack, J. A.** (2001). Review of the KeyMath Revised: A Diagnostic Inventory of Essential Mathematics [1998 Normative Update]. In J. Impara and B. Plake (Ed.), *The fourteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
18. Elliott, S. N. & **Wollack, J. A.** (1996). Review of the Stanford Achievement Test, Abbreviated Version, 8th Edition. In J. C. Conoley (Ed.), *The twelfth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
19. **Wollack, J. A.** & Szymanski, M. J. (1995). *Test Item File to Accompany Educational Psychology: Effective Teaching, Effective Learning*. Madison, WI: Brown & Benchmark.

Technical Reports

1. Sedivy, S. K. & **Wollack, J. A.** (2016). *Tailwind Technical Report*. Madison, WI: Center for Placement Testing.
2. Schroeder, M. J., Sedivy, S. K., Lee, S., & **Wollack, J. A.** (2014). *2012-2013 Early Mathematics Placement Tool Program Evaluation*. Madison, WI: Center for Placement Testing.
3. **Wollack, J. A.**, Schroeder, S., Klein, E., Lindstrom, K., & Chakraborty, S. (2014). Assessing Essential Learning In Ethnic Studies Courses. Madison, WI: University of Wisconsin.
4. **Wollack, J. A.**, Eckerly, C., & Sedivy, S. K. (2013). *UW System English placement test form 13X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
5. **Wollack, J. A.**, Eckerly, C., & Sedivy, S. K. (2013). *UW System mathematics placement test form 13X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
6. **Wollack, J. A.** & Sedivy, S. K. (2013). *UW System foreign language placement test form 13X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
7. **Wollack, J. A.**, Lu, Y., & Sedivy, S. K. (2012). *UW System English placement test form 12X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
8. **Wollack, J. A.**, Lu, Y., & Sedivy, S. K. (2012). *UW System mathematics placement test form 12X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.

9. **Wollack, J. A.** & Sedivy, S. K. (2012). *UW System foreign language placement test form 12X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
10. **Wollack, J. A.**, Young, M., Klein, E., & Westphal-Johnson, N. (2012). *An Assessment of Writing Outcomes in the First Semester of College at the University of Wisconsin-Madison: A Pilot Study*. Madison, WI: University of Wisconsin.
11. **Wollack, J. A.** & Sedivy, S. K. (2011). *UW System foreign language placement test form 11X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
12. **Wollack, J. A.** & Sedivy, S. K. (2011). *UW System English placement test form 11X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
13. **Wollack, J. A.** & Sedivy, S. K. (2011). *UW System mathematics placement test form 11X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
14. **Wollack, J. A.** & Sedivy, S. K. (2010). *UW System foreign language placement test form 10X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
15. **Wollack, J. A.**, Sedivy, S. K., & Lu, A. (2010). *UW System English placement test form 10X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
16. **Wollack, J. A.**, Sedivy, S. K., & Lu, A. (2010). *UW System mathematics placement test form 10X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
17. **Wollack, J. A.** (2009). *Early Math Placement Tool Form 08-S: Raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
18. **Wollack, J. A.** (2009). *PEOPLE Program's Computerized Mathematics Placement Test Form 09: Raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
19. **Wollack, J. A.** (2009). *UW System foreign language placement test form 09X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
20. **Wollack, J. A.** & Woo, V. (2009). *UW System English placement test form 09X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
21. **Wollack, J. A.** & Woo, V. (2009). *UW System mathematics placement test form 09X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
22. **Wollack, J. A.** (2008). *Early Math Placement Tool Form 08-D: Raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
23. **Wollack, J. A.** (2008). *PEOPLE Program's Computerized Mathematics Placement Test: Raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.

24. **Wollack, J. A.** (2008). *UW System foreign language placement test form 08X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
25. **Wollack, J. A.** (2008). *UW System Computerized Mathematics Placement Test Form 08W Raw Score to Standard Score Conversion Tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
26. **Wollack, J. A.** (2008). *UW System Proctored Computerized English Placement Test Form 08WP Raw Score to Standard Score Conversion Tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
27. **Wollack, J. A.** (2008). *UW System Proctored Computerized Foreign Language Placement Test Form 08WP Raw Score to Standard Score Conversion Tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
28. **Wollack, J. A.** (2008). *UW System Proctored Computerized Mathematics Placement Test Form 08WP Raw Score to Standard Score Conversion Tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
29. **Wollack, J. A.**, Johnson, W., & Woo, V. (2008). *Placement Trends in Math and English for Nekoosa High School Students: A 10-Year Perspective*. Madison, WI: University of Wisconsin, Center for Placement Testing.
30. **Wollack, J. A.** & Woo, V. (2008). *UW System English Placement Retest Form 08R Raw Score to Standard Score Conversion Tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
31. **Wollack, J. A.** & Woo, V. (2008). *UW System English placement test form 08X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
32. **Wollack, J. A.** & Woo, V. (2008). *UW System mathematics placement test form 08X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
33. Halaby, C. N., Westphal-Johnson, N., **Wollack, J.**, & Klein, E. (2007). *An assessment study of the effectiveness of the general education communication "A" requirement at the University of Wisconsin-Madison*. Madison, WI: University of Wisconsin.
34. **Wollack, J. A.** (2007). *UW System foreign language placement test form 07X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
35. **Wollack, J. A.**, Sung, H. J., & Park, C. (2007). *UW System English placement test form 07X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
36. **Wollack, J. A.**, Park, C., & Sung, H. J. (2007). *UW System mathematics placement test form 07X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
37. **Wollack, J. A.** (2006). *Report on the Comparability of Paper-and-Pencil and Web-Based Placement Tests at UW-Platteville: Results from the Fall, 2005 Pilot Study*. Madison, WI: UW Center for Placement Testing.
38. **Wollack, J. A.** (2006). *UW System foreign language placement test form 06X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.

39. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2006). *UW System English placement test form 06X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
40. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2006). *UW System mathematics placement test form 06X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
41. **Wollack, J. A.** (2005). *The impact of using performance data on placement test cutscores for the UW-Eau Claire Mathematics Department*. Madison, WI: UW Center for Placement Testing.
42. **Wollack, J. A.** (2005). *UW System foreign language placement test form 05X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
43. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2005). *UW System English placement test form 05X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
44. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2005). *UW System English placement test computerized form 05W raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
45. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2005). *UW System mathematics placement test computerized form 05W raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
46. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2005). *UW System mathematics placement test form 05X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
47. **Wollack, J. A.** & Sung, H. J. (2005). *UW System foreign language placement tests computerized form 05W raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
48. **Wollack, J. A.**, Sung, H. J., & Kang, T. (2005). *UW System mathematics placement retest form 05R raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
49. **Wollack, J. A.** (2004). *UW System foreign language placement test form 04X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
50. **Wollack, J. A.** & Kang, T. (2004). *UW System English placement test form 04X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
51. **Wollack, J. A.** & Wells, C. S. (2004). *UW System mathematics placement test form 04X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
52. Wells, C. S., & **Wollack, J. A.** (2003). *An instructor's guide to understanding test reliability*. Madison, WI: UW Center for Placement Testing.
53. **Wollack, J. A.** (2003). *Adjusting the cutscores for the UW-LaCrosse Mathematics Department*. Madison, WI: UW Center for Placement Testing.
54. **Wollack, J. A.** & Cohen, A. S. (2003). *UW System English placement test form 03X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.

55. **Wollack, J. A.** & Cohen, A. S. (2003). *UW System foreign language placement test form 03X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
56. **Wollack, J. A.** & Cohen, A. S. (2003). *UW System mathematics placement test form 03X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
57. **Wollack, J. A.** & Cohen, A. S. (2002). *UW System English placement test form 02X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
58. **Wollack, J. A.** & Cohen, A. S. (2002). *UW System foreign language placement test form 02X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
59. **Wollack, J. A.** & Cohen, A. S. (2002). *UW System mathematics placement test form 02X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
60. **Wollack, J. A.**, & Cohen, A. S., & Wells, C. S. (2002). *Developing Cutscores for the Renormed English Placement Test: A Mapping of the EPT onto the ENGL* [A separate report was generated for each of the 14 UW campuses]. Madison, WI: University of Wisconsin, Center for Placement Testing.
61. **Wollack, J. A.**, & Li, Y. (2002). *Adjusting the cutscores for the UW LaCrosse French, German, and Spanish programs: Phase I*. Madison, WI: UW Center for Placement Testing.
62. **Wollack, J. A.** & Cohen, A. S. (2001). *UW System English placement test form 01X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
63. **Wollack, J. A.** & Cohen, A. S. (2001). *UW System foreign language placement test form 01X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
64. **Wollack, J. A.** & Cohen, A. S. (2001). *UW System mathematics placement test form 01X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
65. **Wollack, J. A.**, & Li, Y. (2001). *Adjusting the cutscores for the UW Milwaukee Spanish program*. Madison, WI: University of Wisconsin, Center for Placement Testing.
66. **Wollack, J. A.**, & Li, Y. (2001). *Forecasting the effectiveness of a combined ABC test for Mathematics Placement*. Madison, WI: University of Wisconsin, Center for Placement Testing.
67. Cohen, A. S. & **Wollack, J. A.** (2000). *Handbook on test development: Helpful tips for creating reliable and valid classroom tests*. Madison, WI: University of Wisconsin, Center for Placement Testing.
68. **Wollack, J. A.** (2000). *The University of Wisconsin Reading Comprehension Test and the Nelson-Denny: An Equating Study for UW-Waukesha*. Madison, WI: University of Wisconsin, Center for Placement Testing.
69. **Wollack, J. A.** & Cohen, A. S. (2000). *UW System English placement test form 00X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.

70. **Wollack, J. A.** & Cohen, A. S. (2000). *UW System foreign language placement test form 00X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
71. **Wollack, J. A.** & Cohen, A. S. (2000). *UW System mathematics placement test form 00X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
72. **Wollack, J. A.** & Levin, J. R. (2000). *Second thoughts about examination copying*. Madison, WI: University of Wisconsin.
73. Cohen, A. S. & **Wollack, J. A.** (1999). *UW System English placement test form 99X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
74. Cohen, A. S. & **Wollack, J. A.** (1999). *UW System foreign language placement test form 99X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
75. Cohen, A. S. & **Wollack, J. A.** (1999). *UW System mathematics placement test form 99X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
76. **Wollack, J. A.**, Cohen, A. S., Wells, C. S., & Lee, Y. S. (1999). *Developing a Scoring Algorithm for the New Mathematics Placement Test Scores: A Mapping of the Old Scores Onto the New Scores* [A separate report was generated for each of the 14 UW campuses]. Madison, WI: Center for Placement Testing.
77. **Wollack, J. A.**, & Tortorice, C. E. (1999). *The English Composite Scores as a Tool for Stabilizing the English Exemption Rates for UW-Madison*. Madison, WI: Center for Placement Testing.
78. Cohen, A. S. & **Wollack, J. A.** (1998). *UW System English placement test form 98X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
79. Cohen, A. S. & **Wollack, J. A.** (1998). *UW System foreign language placement test form 98X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
80. Cohen, A. S. & **Wollack, J. A.** (1998). *UW System mathematics placement test form 98X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
81. **Wollack, J. A.**, Cohen, A. S., & Thrush, J. (1998). *Establishing Cutscores for the Madison Area Technical College Spanish Department*. Madison, WI: Center for Placement Testing.
82. Cohen, A. S. & **Wollack, J. A.** (1997). *Some observations on the relationship between high school French language study and university placement in French courses*. Madison, WI: University of Wisconsin, Center for Placement Testing.
83. Cohen, A. S. & **Wollack, J. A.** (1997). *Some observations on the relationship between high school German language study and university placement in German courses*. Madison, WI: University of Wisconsin, Center for Placement Testing.
84. Cohen, A. S. & **Wollack, J. A.** (1997). *Some observations on the relationship between high school Spanish language study and university placement in Spanish courses*. Madison, WI: University of Wisconsin, Center for Placement Testing.

85. Cohen, A. S. & **Wollack, J. A.** (1997). *UW System English placement test form 97X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
86. Cohen, A. S. & **Wollack, J. A.** (1997). *UW System foreign language placement test form 97X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
87. Cohen, A. S. & **Wollack, J. A.** (1997). *UW System mathematics placement test form 97X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
88. **Wollack, J. A.**, & Cohen, A. S. (1997). *Establishing a BAL cutscore for the UW Milwaukee remedial mathematics program*. Madison, WI: Center for Placement Testing.
89. **Wollack, J. A.** & Cohen, A. S. (1997). *Establishing cutscores for the UW Center System remedial mathematics program*. Madison, WI: Center for Placement Testing.
90. **Wollack, J. A.** & Cohen, A. S. (1997). *The Cheating Problem in Undergraduate Classes*. Madison, WI: Center for Placement Testing.
91. Cohen, A. S. & **Wollack, J. A.** (1996). *An initial look at the reliability and validity of the French writing placement test*. Madison, WI: University of Wisconsin, Center for Placement Testing.
92. Cohen, A. S. & **Wollack, J. A.** (1996). *UW System English placement test form 96X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
93. Cohen, A. S. & **Wollack, J. A.** (1996). *UW System foreign language placement test form 96X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
94. Cohen, A. S. & **Wollack, J. A.** (1996). *UW System mathematics placement test form 96X raw score to standard score conversion tables*. Madison, WI: University of Wisconsin, Center for Placement Testing.
95. **Wollack, J. A.** & Cohen, A. S. (1996). *Examination of placement criteria for the University of Wisconsin-Oshkosh mathematics department*. Madison, WI: University of Wisconsin, Center for Placement Testing.
96. **Wollack, J. A.** & Cohen, A. S. (1995). *Re-establishing cut-scores for placement into introductory mathematics courses at the University of Wisconsin-Oshkosh*. Madison, WI: University of Wisconsin, Center for Placement Testing.
97. **Wollack, J. A.** (1995). *Preliminary Analysis of the Writing Skills Portion of the French Placement Test*. Madison, WI: University of Wisconsin, Center for Placement Testing.
98. **Wollack, J. A.**, & Cohen, A. S. (1995) *Establishing Cut-Scores for Placement into Introductory or Remedial English Composition at the Western Wisconsin Technical College*. Madison, WI: Center for Placement Testing.
99. **Wollack, J. A.** (1994). *What makes items function differentially? Examining DIF in the linear logistic test model*. Madison, WI: University of Wisconsin.

Theses

Wollack, J. A. (1996). *Detection of answer copying using item response theory*. Unpublished doctoral dissertation, University of Wisconsin, Madison.

Wollack, J. A. (1993). *A regression-based approach to equating tests under the linear logistic test model*. Unpublished master's thesis, University of Wisconsin, Madison.

Conference Presentations & Invited Presentations

1. Jeong, T. S. & **Wollack, J. A.** (2026, July). *Heterogeneous Conditional Dependence of Response Time and Accuracy as Evidence for Cheating Detection*. Paper presented at the International Meeting of the Psychometric Society, Seoul, South Korea.
2. Jeong, T. S. & **Wollack, J. A.** (2026, April) *Validating a behavioral measure of test-taking engagement: A latent regression approach*. eBoard presentation at the annual meeting of the National Council on Measurement in Education, Los Angeles, CA.
3. Jeong, T. S. & **Wollack, J. A.** (2025, November) *Mixture item response model as unsupervised classifier: Preknowledge Detection*. Presentation at the annual meeting of the Issues in Testing Seminar, Chicago, IL: Illinois Institute of Technology.
4. **Wollack, J. A.**, Sarac, M., Mulfinger, A., & Smith, R. W. (2025, November). *Exploring preknowledge mitigation techniques with real data*. Presentation at the annual Conference on Test Security, Amherst, MA: University of Massachusetts.
5. Gorney, K. & **Wollack, J. A.** (2024, April) *Using response times in answer similarity analysis*. Paper presented at the annual meeting of the National Council on Measurement in Education, Philadelphia, PA.
6. James, C. & **Wollack, J. A.** (2024, August). *How to publish your testing related activities in the NCTA Journal*. Presentation at the annual meeting of the National College Testing Association, Savannah, GA.
7. Sarac, M. & **Wollack, J. A.** (2024, April) *Mitigating preknowledge bias in ability estimates in multistage testing*. Paper presented at the annual meeting of the National Council on Measurement in Education, Philadelphia, PA.
8. **Wollack, J. A.**, Sedivy, S., Fortney, B., & Schwartz, Z. (2024, August). *Location, Location, Location. Trials and Tribulations of Opening a Satellite Testing Center on Campus*. Presentation at the annual meeting of the National College Testing Association, Savannah, GA.
9. Darby, G., Saylor, A., & **Wollack, J. A.** (2023, March). *Foul on the play! Now what? Best practices for creating policies and responding to cheating*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Dallas, TX.
10. Gorney, K. N. , **Wollack, J. A.**, Sinharay, S., & Eckerly, C. (2023, April). *Using item scores and distractors to detect item compromise and preknowledge*. Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
11. Rieder Bennett, S. & **Wollack, J. A.** (2023, August). *Inclusivity and accommodations: Testing for one, testing for all*. Presentation at the annual meeting of the National College Testing Association, Las Vegas, NV.
12. Saladin, S. & **Wollack, J. A.** (2023, August). *Publishing in the Journal of the National College Testing Association (JNCTA)*. Presentation at the annual meeting of the National College Testing Association, Las Vegas, NV.

13. Sarac, M. & **Wollack, J. A.** (2023, April). *Comparison of Likelihood Ratio Test-Based Preknowledge Detection Statistics for Use in Real-Time*. Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
14. Sarac, M. & **Wollack, J. A.** (2023, October). *Mitigating the effects of preknowledge in multistage testing*. Paper presented at the annual Conference on Test Security, Tempe, AZ.
15. Gorney, K. N., **Wollack, J. A.**, Sinharay, S., & Eckerly, C. A. (2022, October). *Using item scores and distractors to detect item compromise and preknowledge*. Paper presented at the annual meeting of the Conference on Test Security, Princeton, NJ.
16. Gorney, K. N. & **Wollack, J. A.** (2022, April). *Two new models for item preknowledge*. Paper presented at the annual meeting of the National Council on Measurement in Education, San Diego, CA.
17. Gorney, K. N. & **Wollack, J. A.** (2022, July). *Using item scores and distractors to detect test speededness*. Paper presented at the annual International Meeting of the Psychometric Society, Bologna, Italy.
18. Sarac, M. & **Wollack, J. A.** (2022, October). *Examining preknowledge detection statistics based on likelihood ratio test for use in real time*. Paper presented at the annual meeting of the Conference on Test Security, Princeton, NJ.
19. **Wollack, J. A.** (2022, August). *Professional Opportunities: Publication in the Journal of the National College Testing Association*. Presentation at the annual meeting of the National College Testing Association, Chicago, IL.
20. **Wollack, J. A.**, Sedivy, S., Schwartz, Z., & Fortney, B. (2022, August). *Let's solve a problem*. Presentation at the annual meeting of the National College Testing Association, Chicago, IL.
21. Gorney, K. N. & **Wollack, J. A.** (2021, June). *Does item format affect test security?* Paper presented at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
22. Man, K., Harring, J., Choi, Y-J., & **Wollack, J. A.** (2021, June). *Detecting preknowledge via joint modeling of responses, response times, and visual-fixation counts*. Paper presented at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
23. Pan, Y. & **Wollack, J. A.** (2021, June). *An Iterative Unsupervised-learning-based Approach for Detecting Item Preknowledge*. Paper presented at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
24. Sarac, M. & **Wollack, J. A.** (2021, June). *Reducing score bias through real-time rerouting of examinees with anomalous responses*. Paper presented at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
25. Sarac, M. & **Wollack, J. A.** (2021, October). *Reducing score bias through real-time rerouting of examinees with anomalous responses: Impact of relaxing the assumption of identical forms*. Paper presented at the annual meeting of the Conference on Test Security, Online due to Covid-19.
26. Schoenig, R., Dyer, J., & **Wollack, J. A.** (2021, August). *Predictions for a post-pandemic world*. Presentation at the annual meeting of the National College Testing Association, Online due to Covid-19.
27. **Wollack, J. A.** & James, C. (2021, August). *Data to the rescue*. Presentation at the annual meeting of the National College Testing Association, Online due to Covid-19.

28. **Wollack, J. A.** & Sahin, S. G. (2021, June). *A New Approach to Detection of Collusion: Iterative Cluster Building*. Paper presented at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
29. Mueller, L., Semko, J., & **Wollack, J. A.** (2020, September). *Great answers to tough questions*. Panel discussion presented at the annual Innovations in Testing Conference; Association of Test Publishers, Online due to Covid-19.
30. Pan, Y. & **Wollack, J. A.** (2020, April). *An Iterative Unsupervised-learning-based Approach for Detecting Item Preknowledge*. Paper accepted for the annual meeting of the National Council on Measurement in Education (canceled due to Covid-19), San Francisco, CA.
31. Sarac, M. & **Wollack, J. A.** (2020, July). *A score differencing method for item preknowledge detection in real-time*. Poster presented at the annual International Meeting of the Psychometric Society, Online due to Covid-19.
32. Sarac, M. & **Wollack, J. A.** (2020, April). *Real-Time Anomalous Response Detection for Computer-Based Linear Tests*. Paper accepted for the annual meeting of the National Council on Measurement in Education (canceled due to Covid-19), San Francisco, CA.
33. Schoenig, R., **Wollack, J. A.**, & Dyer, J. (2020, August). *Testing influencers*. Panel presentation at the annual meeting of the National College Testing Association, Online due to Covid-19.
34. **Wollack, J. A.** & Sahin, S. G. (2020, April). *A New Approach to Detection of Collusion: Iterative Cluster Building*. Paper accepted for the annual meeting of the National Council on Measurement in Education (canceled due to Covid-19), San Francisco, CA.
35. Zopluoglu, C., Belov, D. I., & **Wollack, J. A.** (2020, April). *Validation of graph theory approach to detect test collusion network using an experimental real dataset*. Paper accepted for the annual meeting of the National Council on Measurement in Education (canceled due to Covid-19), San Francisco, CA.
36. Bennett, S. R., Dyer, J. & **Wollack, J. A.** (2019, August). *Academic Integrity on Campus: Education, Prevention, and Response*. Presentation at the annual meeting of the National College Testing Association, New Orleans, LA.
37. Bolt, D. M., Lee, S., **Wollack, J. A.**, Eckerly, C., & Sowles, J. (2019, April). *Using asymmetric item response theory models to accommodate item complexity*. Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Canada.
38. Gorney, K. N. & **Wollack, J. A.** (2019, November). *The Impact of Item Format on Test Security*. Presented at the Ideas in Testing Research Seminar, Chicago, IL: Illinois Institute of Technology.
39. Pan, Y. & **Wollack, J. A.** (2019, November). *An Iterative Unsupervised-learning-based Approach for Detecting Item Preknowledge*. Presented at the Ideas in Testing Research Seminar, Chicago, IL: Illinois Institute of Technology.
40. Pan, Y. & **Wollack, J. A.** (2019, October). *An Unsupervised-Learning-Based Approach for Detecting Compromised Items*. Presented at the annual Conference on Test Security, Miami, FL.
41. Sarac, M. & **Wollack, J. A.** (2019, October). *A Method for Real-Time Anomalous Response Detection for Computer-Based Linear Tests*. Presented at the annual Conference on Test Security, Miami, FL.
42. Sarac, M. & **Wollack, J. A.** (2019, November). *A Score Differencing Index for Real-Time Anomalous Response Detection for Computer-Based Linear Tests*. Presented at the Ideas in Testing Research Seminar, Chicago, IL: Illinois Institute of Technology.

43. Sedivy, S. & **Wollack, J. A.** (August, 2019). *Subscores: Buyer Beware*. Presentation at the annual meeting of the National College Testing Association, New Orleans, LA.
44. Skorupski, W., **Wollack, J.**, & Sedivy, S. (2019, April). *Integrating Multiple Sources of Evidence in Test Security Analyses: Using Bayesian Inference to Weight the Strength of Evidence and Make Robust Decisions*. Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Canada.
45. **Wollack, J. A.** & Sedivy, S. (August, 2019). *Continue Asking Psychometricians*. Presentation at the annual meeting of the National College Testing Association, New Orleans, LA.
46. Zopluoglu, C., Belov, D., & **Wollack, J. A.** (2019, October). Validation of Graph Theory Approach to Detect Test Collusion Network Using an Experimental Real Dataset. Presented at the annual Conference on Test Security, Miami, FL.
47. Belov, D. & **Wollack, J. A.** (2018, April). *Graph theory approach to detect examinees involved in test collusion*. Paper presented at the annual meeting of the National Council on Measurement in Education, New York, NY.
48. Belov, D., & **Wollack, J. A.** (2018, July). *Study of characteristics of test collusion graph*. Paper presented at the International Meeting of the Psychometric Society, New York, NY.
49. Belov, D., **Wollack, J. A.**, & Cubbellotti, S. (2018, October). *Graph theory approach to detect test collusion using responses and response times*. Paper presented at the annual Conference on Test Security (COTS), Park City, UT.
50. Bennett, S. R., **Wollack, J.**, & James, C. (2018, September). NCTA Journal. Presentation at the annual meeting of the National College Testing Association, Scottsdale, AZ.
51. Kim, N., Bolt, D. M., **Wollack, J. A.**, Pan, Y., Eckerly, C., & Sowles, J. (2018, July). *An item response model for discrete option multiple-choice items*. Poster presented at the International Meeting of the Psychometric Society, New York, NY.
52. Sahin, S. G. & **Wollack, J. A.** (2018, October). *Evaluation of different clustering approaches in detection of test collusion*. Paper presented at the annual Conference on Test Security (COTS), Park City, UT.
53. Schoenig, R., Dyer, J., & **Wollack, J.** (2018, September). *The value of testing*. Presentation at the annual meeting of the National College Testing Association, Scottsdale, AZ.
54. Skorupski, W., **Wollack, J.**, & Sedivy, S. (2018, October). *Integrating Multiple Sources of Evidence in Test Security Analyses: Using Bayesian Inference to Weight the Strength of Evidence and Make Robust Decisions*. Paper presented at the annual Conference on Test Security (COTS), Park City, UT.
55. **Wollack, J. A.** (2018, July). *Exam Data Forensics*. Presentation at the Exam Security Roundtable, Madison, WI.
56. **Wollack, J. A.** (2018, October). *Test Security in High Stakes Testing Programs: Where do we stand now in some key areas?* Panel presentation presented at the annual Conference on Test Security (COTS), Park City, UT.
57. **Wollack, J.** & Sedivy, S. (2018, September). *Testing beyond administration: Ask a psychometrician*. Presentation at the annual meeting of the National College Testing Association, Scottsdale, AZ.
58. Belov, D., & **Wollack, J. A.** (2017, July). *Graph theory approach to detect test collusion*. Paper presented at the International Meeting of the Psychometric Society, Zürich, Switzerland.

59. Eckerly, C. A., **Wollack, J. A.**, & Babcock, B. (2017, April). *Increasing the Robustness of the Deterministic Gated IRT Model to Detect Preknowledge*. Presentation at the annual meeting of the National Council on Measurement in Education, San Antonio, TX.
60. Ferrara, S., Cizek, G., **Wollack, J.**, Martineau, J., & Maynes, D. (2017, June). *Panel on test security*. Presentation at the Council of Chief State School Officers' State Collaborative on Assessment and Student Standards Technical Issues in Large Scale Assessment (TILSA) Summer Meeting, Austin, TX.
61. Fremer, J., Dyer, J., **Wollack, J.**, & Fortney, B. (2017, September). *Cheaters Say the Darnedest Things!*. Presentation at the annual meeting of the Conference on Test Security, Madison, WI.
62. Fremer, J., **Wollack, J. A.**, Olson, J., & Thomas, S. (2017, April). *Stories told by test cheaters: What we can learn from them*. Presentation at the annual meeting of the National Council on Measurement in Education, San Antonio, TX.
63. James, C., **Wollack, J.** & Bennett, S. R. (2017, September). *How to Get published in the Journal of the NCTA: Tips from the Editor, a Reviewer and an Author*. Presentation at the annual meeting of the National College Testing Association, Cincinnati, OH.
64. Lee, S. & **Wollack, J.** (2017, September). *A Mixture Model to Detect Item Preknowledge Using Item Responses and Response Times*. Presentation at the annual meeting of the Conference on Test Security, Madison, WI.
65. Lee, S. & **Wollack, J. A.** (2017, October). *Use of Response Time for Detecting Examinees with Preknowledge*. Paper presented at the conference on timing impact on measurement in education. National Board of Medical Examiners: Philadelphia, PA.
66. Mullen, H., Fremer, J., **Wollack, J.**, Dickison, P., & Mulkey, J. (2017, March). *Cheaters say the darnedest things! A discussion on how to prevent test taker cheating*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Scottsdale, AZ.
67. Sedivy, S. & **Wollack, J.** (2017, September). *Five Things You Need to Know About Placement Testing*. Presentation at the annual meeting of the National College Testing Association, Cincinnati, OH.
68. **Wollack, J.**, Hample, R., & Dyer, J. (2017, September). *Improving and Streamlining Proctor Training Through National Proctor Certification*. Presentation at the annual meeting of the National College Testing Association, Cincinnati, OH.
69. **Wollack, J.**, Hample, R., & Dyer, J. (2017, September). *Improving and Streamlining Proctor Training Through National Proctor Certification: An Initiative of the National College Testing Association*. Presentation at the annual meeting of the Conference on Test Security, Madison, WI.
70. **Wollack, J.** & Schoenig, R. (2017, September). *A Crash Course in Cheating on Tests*. Presentation at the annual meeting of the National College Testing Association, Cincinnati, OH.
71. **Wollack, J.** & Sedivy, S. (2017, September). *Tailwind Placement Exams*. Presentation at the annual meeting of the National College Testing Association, Cincinnati, OH.
72. Lee, C., **Wollack, J. A.**, & Sedivy, S. K. (2016, April). *Influential Factors on College Retention based on Tree Models and Random Forests*. Presentation at the annual meeting of the National Council on Measurement in Education, Washington, D.C.
73. Miller, T., Geraets, J., & **Wollack, J. A.** (2016, August). *It Takes Two...How an Exam Is Created, the Importance of Administration, and How We Protect It-Together*. Presentation at the annual meeting of the National College Testing Association, Seattle, WA.

74. McCorkle, R., **Wollack, J.**, Dyer, J., Brutsche, J., Schoenig, R. W., & Saladin, S. (2016, March). *Highlighting "Proctoring Best Practices"*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Orlando, FL.
75. Rieder-Bennet, S., **Wollack, J.**, & McCorkle, R.. (2016, May). *Discussion of "Proctoring Best Practices"*. Presentation at the annual Great Lakes Testing Conference, Huron, OH.
76. **Wollack, J. A.** & Cizek, G. J. (2016, October). *Real Cheating Data for Researchers: A Description of the Common Datasets from the Handbook of Quantitative Methods for Detecting Cheating on Tests*. Presentation at the annual meeting of the Conference on Test Security, Cedar Rapids, IA.
77. **Wollack, J. A.** & Greene, S. (2016, May). *Tailwind - The New Option for Placement Exams*. Presentation at the annual Great Lakes Testing Conference, Huron, OH.
78. **Wollack, J. A.** & Sedivy, S. K. (2016, August). *Placement Test Validation: Bringing Research to Practice*. Presentation at the annual meeting of the National College Testing Association, Seattle, WA.
79. Eckerly, C. A., Babcock, B., & **Wollack, J. A.** (2015, November). *Detecting Item Compromise Using Odds Ratio Statistics*. Presentation at the annual Conference on Test Security, Lawrence, KS.
80. Eckerly, C. A., Babcock, B., & **Wollack, J. A.** (2015, April). *Preknowledge detection using a scale-purified deterministic gated IRT model*. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
81. Lee, C. & **Wollack, J. A.** (2015, April). *Using classification tree models and bagging to determine course placement*. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
82. McCorkle, R., **Wollack, J. A.**, Dyer, J., & Schoenig, R. (2015, September). *Best practices in proctoring guidelines*. Presentation at the annual conference of the European Association of Test Publishers, Dublin, Ireland.
83. **Wollack, J. A.** & Sedivy, S. K. (2015, July). *Placement test validation*. Presentation at the Great Lakes Testing Conference, Toledo, OH.
84. **Wollack, J. A.**, & Sedivy, S. K. (2015, September). *Empowered by psychometrics: Inside the black box of computerized adaptive testing*. Presentation at the annual conference of the National College Testing Association, St. Pete Beach, FL.
85. **Wollack, J. A.**, McCorkle, R., Dyer, J., Saladin, S., & Schoenig, R. (2015, September). *Proctoring best practices*. Presentation at the annual conference of the National College Testing Association, St. Pete Beach, FL.
86. **Wollack, J. A.**, McCorkle, R., Schoenig, R., & Brutsche, J. (2015, November). *An overview of "Proctoring best practices"*. Presentation at the annual Conference on Test Security, Lawrence, KS.
87. Addicott, S., Cizek, G., Schoenig, R., & **Wollack, J.** (2014, March). *Ten Years of Test Security: The Road Traveled and the Road Ahead*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Scottsdale, AZ.
88. Addicott, S., Fremer, J., Schoenig, R., & **Wollack, J.** (2014, April). *Responding to cheating: Where we've been, where we're headed*. Presentation at the annual meeting of the National Council on Measurement in Education, Philadelphia, PA.

89. Albanese, M. & **Wollack, J. A.** (2014, April). *Cheating on tests: A threat to response validity*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
90. Lee, S. Y. & **Wollack, J. A.** (2014, July). *Ability purification to reduce Type I error rates of the detection of answer copying*. Presentation at the annual meeting of the Psychometric Society, Madison, WI.
91. Sakunrag, I., Martin, B. A, **Wollack, J. A.**, & Porter, A. L. (2014, July). *Does Lecture-based Pharmacotherapy Content Reinforced in a Laboratory Setting Improve Student Performance on Multiple-choice Exam Items?* Paper presented at the annual meeting of the American Association of Colleges of Pharmacy, Grapevine, TX.
92. **Wollack, J. A.** (2014, September). *Crafty Cheaters & Determined Detectives: What you need to know about NPTE Security*. Presentation at the annual meeting of the Federation of State Boards of Physical Therapy, San Francisco, CA.
93. **Wollack, J. A.** (2014, September). *Empowered by Psychometrics: The Fundamentals of Psychometrics*. Presentation at the annual meeting of the National College Testing Association, Denver, CO.
94. **Wollack, J. A.** & Maynes, D. (2014, April). *Improving the robustness of erasure detection to scanner undercounting*. Paper presented at the annual meeting of the National Council on Measurement in Education, Philadelphia, PA.
95. **Wollack, J. A.**, Schoenig, R., & Addicott, S. (2014, September). *Ten Years of Test Security: The Road Traveled and the Road Ahead*. Presentation at the annual meeting of the National College Testing Association, Denver, CO.
96. Albanese, M., & **Wollack, J. A.** (2013, October). *Cheating on Tests: A Threat to Response Validity*. Paper presented at the 2nd annual Conference on the Statistical Detection of Potential Test Fraud, Madison, WI.
97. Eckerly, C. A., & **Wollack, J. A.** (October, 2013). *Detecting Examinees with Preknowledge: Examining the Robustness of the Deterministic Gated IRT Model*. Paper presented at the 2nd annual Conference on the Statistical Detection of Potential Test Fraud, Madison, WI.
98. Sedivy, S., Schroeder, M. & **Wollack, J.** (2013, May). *The Early Mathematics Placement Tool (EMPT) Program: Preparing student for higher education mathematics*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
99. Semko, J., Rhodes, A., **Wollack, J.**, & Schoenig, R. (2013, February). *Tell it to the Judge! Winning with data forensics evidence in court*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Fort Lauderdale, FL.
100. **Wollack, J. A.** (2013, August). *Empowered by Psychometrics: Using Item Analysis to Guide Item Revision*. Presentation at the annual meeting of the National College Testing Association, Nashville, TN.
101. **Wollack, J. A.**, & Eckerly, C. A. (2013, October). *Detection of Test Tampering at the Group Level*. Paper presented at the 2nd annual Conference on the Statistical Detection of Potential Test Fraud, Madison, WI.
102. **Wollack, J. A.**, Foster, D., Harris, D. J., & Hatherill, W. (2013, February). *Synopsis of the Handbook of Test Security*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Fort Lauderdale, FL.

103. Schroeder, M. & **Wollack, J.** (2012, May). *The Early Mathematics Placement Tool (EMPT) Program: Preparing student for higher education mathematics*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
104. **Wollack, J. A.** (2012, August). *Demystifying data forensics: An overview of the logic underlying cheating detection techniques*. Presentation at the annual meeting of the National College Testing Association, Minneapolis, MN.
105. Maynes, D. & **Wollack, J. A.** (2011, February). *Data forensics in test security - What data analysis doesn't work (and what does)*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Phoenix, AZ.
106. Schroeder, M., **Wollack, J. A.**, Chen, C., & Weyer, D. (2011, May). *An Orientation to the Wisconsin Early Mathematics Placement Tool (EMPT) Program*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
107. Slaughenhaupt, B., Lester, R., Rowe, J., & **Wollack, J.** (2011, May). *Design, implementation, and evaluation of a new core learning objectives curriculum for a urology clerkship*. Paper presented at the annual meeting of the American Urological Association, Washington, DC.
108. Suh, Y., Cho, S-J., & **Wollack, J. A.** (2011, April). *A comparison of item calibration procedures in the presence of test speededness*. Paper presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
109. **Wollack, J. A.** & Maynes, D. (2011, April). *Detection of Test Collusion Using Item Response Data*. Paper presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
110. **Wollack, J. A.** & Smith, A. (2011, September). *UW placement testing and ExamSoft: A model of flexibility, efficiency, validity, and security*. Presentation at the annual meeting of the National College Testing Association, San Diego, CA.
111. Woodruff, L., **Wollack, J. A.**, & Turner, J. (2011, September). *The concept and development of an NCTA professional journal*. Presentation at the annual meeting of the National College Testing Association, San Diego, CA.
112. Fish, M., **Wollack, J.**, Chen, C., Zintel, J., & Weyer, D. (2010, May). *An Orientation to the Wisconsin Early Mathematics Placement Tool (EMPT) Program*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
113. Maynes, D. & **Wollack, J. A.** (2010, February). *Research in test security: The latest research in test security data analysis*. Presentation at the annual Innovations in Testing Conference; Association of Test Publishers, Championsgate, FL.
114. **Wollack, J.** & Letellier, J. (2010, May). *Math Placement in UW-System: Understanding the Test and Processes*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
115. UW French Placement Test Development Committee [Engelhart, H., Meyer, E. N., Rusterholz, B., Turek, S., Valley, A., **Wollack, J.**] (2009, November). *The UW-System French Placement Test: What it is and What it isn't*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
116. UW German Placement Test Development Committee [Chavez, M., Crow, T., Johansson, P., Ruppel, R., Tollefson, M., **Wollack, J.**] (2009, November). *The UW German Placement Test*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.

117. UW Spanish Placement Test Development Committee [Alvarez, I., Craig-Odders, R., Fernandez, M., Gonzalez, G., Lake, D., Llera-Brandon, M., **Wollack, J.**] (2009, November). *The UW Spanish Placement Test: How does it work? Discover what the test can do for your students*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
118. **Wollack, J. A.** (2009, August). *The Early Math Placement Tool: Articulating with high school teachers about college level math expectations*. Presentation at the annual meeting of the National College Testing Association, San Antonio, TX.
119. **Wollack, J. A.** & Fish, M. (2009, May). *What impact do high school mathematics curricula have on college-level mathematics placement?* Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
120. **Wollack, J. A.**, & Johnson, W. (January, 2009). *Data, Data, Data: The Good, the Bad, and the Challenging*. Presentation at the Wisconsin State Education Convention, Milwaukee, WI.
121. **Wollack, J. A.**, Weyer, D., Zintel, J., Fish, M., & Tortorice, C. (2009, May). *The Early Math Placement Tool (EMPT): A description of a statewide partnership to provide high school students with information on their preparation for college level mathematics*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
122. **Wollack, J. A.** & Wills, S. (2009, May). *Placing students at the university level: A detailed look at the University of Wisconsin System mathematics placement exam*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
123. **Wollack, J. A.**, & Woo, V. (April, 2009). *Using response times to improve parameter estimation for speeded test items*. Presentation at the annual meeting of the National Council on Measurement in Education, San Diego, CA.
124. **Wollack, J. A.** (November, 2008). *Tools for Retention: What the University of Wisconsin placement tests suggest about taking more foreign language in high school*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
125. **Wollack, J. A.** & Wills, S. (2008, May). *Placing students at the university level: A detailed look at the University of Wisconsin System mathematics placement exam*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
126. Cohen, A. S., & **Wollack, J. A.** (2007, April). *Educational Measurement: Test administration, security, scoring, and reporting*. Chapter presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
127. Park, C., Kang, T., & **Wollack, J. A.** (2007, April). *Application of multilevel IRT to multiple-form linking when common items are drifted*. Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
128. UW French Placement Test Development Committee [Anderson, L., Engelhart, H., Meyer, E. N., Rusterholz, B., Turek, S., Valley, A., **Wollack, J.**] (2007, November). *The UW-System French Placement Test: An Update*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
129. UW German Placement Test Development Committee [Crow, T., Johansson, P., Ruppel, R., Strohschank, J., Tollefson, M., **Wollack, J.**] (2007, November). *What I have to know about the UW German Placement Test*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.

130. UW Spanish Placement Test Development Committee [Alvarez, I., Craig-Odders, R., Fernandez, M., Hessert, N., Lake, D., Llera-Brandon, M., **Wollack, J.**] (2007, November). *The UW Spanish Placement Test: Everything You Always Wanted to Know but Didn't Know Whom to Ask*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
131. **Wollack, J. A.**, Suh, Y., & Bolt, D. M. (2007, April). *A comparison of models for analyzing inadvertently speeded tests*. Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
132. **Wollack, J. A.** & Wills, S. (2007, May). *Placing students at the university level: A detailed look at the University of Wisconsin Mathematics Placement Exam*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
133. Suh, Y., Kang, T., **Wollack, J. A.**, & Kim, S.-Y. (2006, April). *A comparison of test scoring methods in the presence of test speededness*. Paper presented at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
134. **Wollack, J. A.**, Sung, H. J., & Kang, T. (2006, April). **The impact of compounding item parameter drift on ability estimation**. Paper presented at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
135. **Wollack, J. A.** & Scott, C. (2006, May). *Placing students at the university level: A detailed look at the University of Wisconsin Mathematics Placement Exam*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
136. **Wollack, J. A.** & Suh, Y. (2006, April). *Using the Testlet Model to Mitigate Test Speededness Effects*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
137. Goegebeur, Y., DeBoeck, P., **Wollack, J. A.**, & Cohen, A. S. (2005, July). *A model for gradual process change*. Paper presented at the annual meeting of the International Psychometric Society, Tilburg, The Netherlands.
138. Mroch, A. A., Bolt, D. M., & **Wollack, J. A.** (2005, April). *A new multi-class mixture Rasch model for test speededness*. Paper presented at the annual meeting of the National Council on Measurement in Education, Montreal, Canada.
139. UW Spanish Placement Test Development Committee [Calderon, T., Frantzen, D., Hessert, N., Wheatley, K., **Wollack, J.**] (2005, November). *Cross campus portraits: Wisconsin's post-secondary Spanish language programs*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
140. Wells, C. S., **Wollack, J. A.**, & Serlin, R. C. (2005, April). *An equivalency test for model fit*. Paper presented at the annual meeting of the National Council on Measurement in Education, Montreal, Canada.
141. Wheatley, K. & **Wollack, J.** (2005, April). *Use of the placement tests on each campus*. Presentation at the University of Wisconsin System-wide Spanish Summit, Madison, WI.
142. **Wollack, J. A.**, Sung, H. J., & Kang, T. (2005, April). *Longitudinal Effects of Item Parameter Drift*. Paper presented at the annual meeting of the National Council on Measurement in Education, Montreal, Canada.
143. **Wollack, J. A.** (2005, November). *The test development and test validation processes for the German Placement Test Committee*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.

144. Lee, Y. -S. & **Wollack, J. A.** (2004, April). *A comparison of model fit under parametric and nonparametric ICC estimation*. Presentation at the annual meeting of the American Educational Research Association, San Diego, CA.
145. **Wollack, J. A.** & Cohen, A. S. (2004, April). *A model for simulating speeded test data*. Presentation at the annual meeting of the American Educational Research Association, San Diego, CA.
146. **Wollack, J. A.** & Scott, C. (2004, May). *The making of a mathematics placement test*. Presentation at the annual meeting of the Wisconsin Mathematics Council, Green Lake, WI.
147. **Wollack, J. A.** (2003, November). *The Spanish Placement Test Committee: Responding to questions from high school teachers*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
148. **Wollack, J. A.** (2003, November). *The test development and test validation processes for the German Placement Test Committee*. Presentation at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
149. **Wollack, J. A.**, Wells, C. S., & Cohen, A. S. (2003, April). *A comparison of item- and testlet-level scoring on scale stability in the presence of test speededness*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
150. Cohen, A. S., **Wollack, J. A.**, & Mroch, A. A. (2002, April). *A mixture Rasch model analysis of test speededness*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
151. **Wollack, J. A.** (2002, April). *Comparison of answer copying indices on real data*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
152. **Wollack, J. A.**, (2002, April). *Introduction of the University of Wisconsin English Placement Test*. Presentation at the annual meeting of the Wisconsin Council of Teachers of English Language Arts, Appleton, WI.
153. **Wollack, J. A.**, Cohen, A. S., & Wells, C. S. (2002, April). *The effects of test speededness on score scale stability*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
154. Bolt, D. M., Cohen, A. S., & **Wollack, J. A.** (2001, April). *A mixture item response model for multiple-choice data*. Paper presented at the annual meeting of the American Educational Research Association, Seattle, WA.
155. Bolt, D. M., Cohen, A. S., & **Wollack, J. A.** (2001, July). *A mixture item response model for multiple-choice data*. Paper presented at the annual meeting of the International Psychometric Society, Osaka, Japan.
156. **Wollack, J. A.** (2001, November). *The Spanish Placement Test Committee: Who are we and what do we do?* Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
157. **Wollack, J. A.** (2001, November). *The test development and test validation processes for the French Placement Test Committee*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
158. **Wollack, J. A.** (2001, November). *The test development and test validation processes for the German Placement Test Committee*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.

159. **Wollack, J. A.** (2000, November). *The role of statistics in the development of the Spanish Placement Test*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
160. **Wollack, J. A.**, Bolt, D. M., Cohen, A. S., & Lee, Y. -S. (2000, April). *Recovery of item parameters in the nominal response model: A comparison of marginal maximum likelihood estimation and Markov chain Monte Carlo estimation*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
161. **Wollack, J. A.** (1999, November). *The role of statistics in the development of the German Placement Test*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
162. Cohen, A. S., Kim, S.-H., & **Wollack, J. A.** (1998, April). *Comparison of item response theory and observed score DIF detection measures for the graded response model*. Paper presented at the annual meeting of the National Council on Measurement in Education, San Diego, CA.
163. **Wollack, J. A.**, Cohen, A. S., & Serlin, R. C. (1998, April). *Defining error rates and power for detection of answer copying*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
164. **Wollack, J. A.** & Cohen, A. S. (1997, March). *Detection of answer copying with unknown item and ability parameters*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
165. **Wollack, J. A.** & Cohen, A. S. (1997, November). *An examination of the French Placement Test: Past, present, and future*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
166. Cohen, A. S. & **Wollack, J. A.** (1996, November). *Examining the relationship between high school German language study and university placement in German courses*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
167. Cohen, A. S. & **Wollack, J. A.** (1996, November). *Examining the relationship between high school Spanish language study and university placement in Spanish courses*. Paper presented at the annual meeting of the Wisconsin Association of Foreign Language Teachers, Appleton, WI.
168. **Wollack, J. A.** (1996, April). *Detection of answer copying using item response theory*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
169. Cohen, A. S., Kim, S. -H., & **Wollack, J. A.** (1995, April). *An investigation of the likelihood ratio test for detection of differential item functioning*. Paper presented at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
170. **Wollack, J. A.** (1994, April). *A regression-based approach to equating tests under the linear logistic test model*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Invited Addresses

171. **Wollack, J. A.** (2026, April) *Reducing contamination by tolerating contamination*. Invited presentation at the annual meeting of the National Council on Measurement in Education, Los Angeles, CA.

172. McCauley, C., Baig, B., Clough, D., Friess, B., & **Wollack, J. A.** (2025, November). *Panel: Let's Talk Tech!*. Invited keynote panel at the annual Conference on Test Security, Amherst, MA: University of Massachusetts.
173. **Wollack, J. A.**, McCauley, C., Gonthier, I., & Addicott, S. (2025, November). *Closing keynote debate*. Invited keynote debate at the annual Conference on Test Security, Amherst, MA: University of Massachusetts.
174. **Wollack, J. A.** (2025, February). *Exploring the merits of mitigation*. Lindquist Legacy Speaker, Iowa Testing Programs, University of Iowa, Iowa City, IA.
175. Alam, F., **Wollack, J. A.** & Schoenig, R. (2023, October). *Closing keynote panel*. Invited panel at the Conference on Test Security, Tempe, AZ.
176. **Wollack, J. A.** (2023, November). *Responding to examinees with preknowledge: Some recent detection and mitigation strategies*. Tucker-Holland speaker series, Educational Testing Service: Princeton, NJ.
177. Smith, R., **Wollack, J. A.**, Foster, D. & Eckerly, C. (2022, October). *Closing keynote debate*. Invited debate at the Conference on Test Security, Princeton, NJ.
178. Miron, J., Higgins, S., Schwartz, R., Webb, L., & **Wollack, J. A.** (2020, October) *How much cheating is happening in nursing education and what can we do about it?* Invited online panel discussion for nurse educators. Mountain Measurement: Portland, OR.
179. Weinstein, M., Semko, J., Mueller, L., & **Wollack, J. A.** (2020, March). *Do test sponsors have an obligation to prevent the next big cheating scandal?*. Invited featured debate accepted for the annual Innovations in Testing Conference; Association of Test Publishers (canceled due to Covid-19), San Diego, CA.
180. **Wollack, J. A.** (2020, April). *2020 Bar Exam—Preparing for Remote Proctoring*. Invited online presentation for bar administrators, National Conference of Bar Examiners: Madison, WI.
181. **Wollack, J. A.** (2020, April). *Remote proctoring and high stakes exams*. Invited online presentation for Supreme Court justices, National Conference of Bar Examiners: Madison, WI.
182. **Wollack, J. A.** (2020, May). *Virtual testing and remote proctoring: Presentation for general counsels*. Invited online presentation for Testing Organizations General Counsels, National Conference of Bar Examiners: Madison, WI.
183. **Wollack, J. A.** (2019, February). *Implications of Standardization: Test Security for LSAC and Bar Exam*. Invited presentation at the joint educator meeting for the Law School Admission Council and the National Conference of Bar Examiners, Albuquerque, NM.
184. **Wollack, J. A.** (2019, March). *Should we use technology and statistics to stop cheating in its tracks?*. Invited featured debate at the annual Innovations in Testing Conference; Association of Test Publishers, Orlando, FL.
185. Reel, B., Spagnoli, A., Schulte, J., & **Wollack, J.** (2018, September). *Using technology to improve your program*. Invited panel at the annual Castle Summit, Raleigh, NC.
186. **Wollack, J. A.** (2018, August). *The testing industry's toolkit to combating cheating on tests*. Keynote presentation at VI Conbratri-The Brazilian Congress of Item Response Theory, Juiz de Fora, Brazil.
187. **Wollack, J.** (2018, September). *Prioritizing the Candidate Experience*. Invited presentation at the annual Castle Summit, Raleigh, NC.

188. Rieder Bennett, S., McCorkle, R., & **Wollack, J. A.** (2016, May). *Proctoring Best Practices*. Keynote panel at the annual Great Lakes Testing Conference, Huron, OH.
189. **Wollack, J. A.** (2016, October). *Situating the Handbook: The Context and the Content*. Invited presentation at the annual meeting of the Conference on Test Security, Cedar Rapids, IA.
190. **Wollack, J. A.** (2015, July). *Demystifying Common Core: What college testing professionals need to know*. Keynote address at the Great Lakes Testing Conference, Toledo, OH.
191. **Wollack, J. A.** (2013). *CCSS and higher education: Questions abound*. Invited session at the annual meeting of the American Educational Research Association, San Francisco, CA.
192. **Wollack, J. A.** (2013, March). *College-level placement testing and the Common Core*. Invited session at the Big Issues in Testing: Improving Admissions and Learning In Higher Education conference, Lincoln, NE: Buros Center for Testing.
193. **Wollack, J. A.** (2013, June). *Preserving the Validity of Test Scores: Insights into the Psychometrics to Combat Anomalous Examinee Behavior*. Keynote address at the first annual meeting of the Wyoming College Testing Association, Casper, WY.
194. **Wollack, J. A.**, Cohen, A. S., & Eckerly, C. (2013, April). *Detecting Test Tampering Using Item Response Theory*. Invited session at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
195. **Wollack, J. A.** (2012, December). *Common Core State Standards: Implications for higher education*. Kenosha, WI: University of Wisconsin-Parkside.
196. **Wollack, J. A.** (2012, September). *Grading: Principles and Practices*. Keynote address at the University of Wisconsin Teaching Academy's Fall Kickoff Symposium, Madison, WI.
197. **Wollack, J. A.** (2011, April). *Answer copying detection: Yesterday, today, and tomorrow*. Invited session at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
198. **Wollack, J. A.** (2011, May). *What to do when cheating is suspected on the Bar exam*. Invited session presented at the annual National Conference of Bar Examiners' Bar Admissions Conference, San Francisco, CA.
199. **Wollack, J. A.** (2010, March). *Cheaters and cheating analysis: Security issues, measurement issues, and litigation strategies in the character and fitness process*. Invited session at the annual National Conference of Bar Examiners' Bar Admissions Conference, Austin, TX.
200. **Wollack, J. A.** (2010, April). *Detection of Test Collusion Using Item Response Data*. Madison, WI: University of Wisconsin, School of Education.
201. **Wollack, J. A.** (2009, January). *Accounting for Test Speededness: An exploration of models for mitigating the effects of insufficient testing time*. Madison, WI: University of Wisconsin, Department of Educational Psychology.
202. **Wollack, J. A.** (2009, February). *Tools for Retention: How UW Foreign Language Placement Testing Trends Can Motivate Students to go Farther With Their Language Study*. Milton, WI: Milton High School, Milton.
203. **Wollack, J. A.** (2009, November). *Understanding Placement Testing Research*. Sheboygan, WI: UW-Sheboygan.
204. **Wollack, J. A.** (2008, March). *Using Statistical Measures to Detect Cheating*. Invited session at the National Conference of Bar Examiners Biennial Spring Seminar, Portland, OR.

205. **Wollack, J. A.** (2008, March). *Winning the War on Cheating: Combating Classroom Cheating Through Awareness, Prevention, and Detection*. Invited Address for the Measurement Services Special Interest Group of the American Educational Research Association, New York, NY.
206. **Wollack, J. A.** (2007, July). *Testing Testing: The Interplay Between Psychometric Research and Practice*. Madison, WI: University of Wisconsin, School of Education.
207. **Wollack, J. A.** (2004, March) *Detecting answer copying on high stakes tests*. Invited session at the National Conference of Bar Examiners Biennial Spring Seminar, New Orleans, LA.
208. **Wollack, J. A.** (2003, October). *Developing Pre-Post Assessments for Program Evaluation*. Madison, WI: Herzing College, School of Education.
209. **Wollack, J. A.** (2001, March). *Applications of Markov chain Monte Carlo Estimation in Item Response Theory Mixture Models*. Iowa City, IA: University of Iowa, Department of Psychological and Quantitative Psychology.
210. **Wollack, J. A.** (2000, January). *Helpful Tips for Creating Valid and Reliable Classroom Tests*. Madison, WI: University of Wisconsin, Physician Assistant Program.
211. **Wollack, J. A.** (1998, March). *Advances in the Detection of Answer Copying*. Madison, WI: University of Wisconsin, Department of Educational Psychology.

Conference Discussions

212. **Wollack, J. A.** (2026, April). *Discussion of "Multi-Modal Approaches to Test Security: Patterns, Similarities, and Biometrics"*. Presentation at the annual meeting of the National Council on Measurement in Education, Los Angeles, CA.
213. **Wollack, J. A.** (2025, April). *Discussion of "Test Security in the AI Age: Trends, Challenges, and Visions"*. Presentation at the annual meeting of the National Council on Measurement in Education, Denver, CO.
214. **Wollack, J. A.** (2024, April). *Discussion of "Test Security and Test Taking Behavior"*. Presentation at the annual meeting of the National Council on Measurement in Education, Philadelphia, PA.
215. **Wollack, J. A.** (2024, October). *Discussion of "Test Security in Longitudinal Assessments"*. Presentation at the annual meeting of the Conference on Test Security, Salt Lake City, Utah.
216. **Wollack, J. A.** (2023, April). *Discussion of "Test Security Breaches: Prevalence, Detection Strategies, and Decision Making"*. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
217. **Wollack, J. A.** (2022, April). *Discussion of "Cheating Detection: A Collaborative Case Study using IT Certification Exams"*. Presentation at the annual meeting of the National Council on Measurement in Education, San Diego, CA.
218. **Wollack, J. A.** (2021, June). *Discussion of "High Definition Detection of Testing Misconduct"*. Presentation at the annual meeting of the National Council on Measurement in Education, Online due to Covid-19.
219. **Wollack, J. A.** (2020, April). *Discussion of "High Definition Detection of Testing Misconduct"*. Presentation accepted at the annual meeting of the National Council on Measurement in Education, San Francisco, CA (Canceled due to Covid-19).

220. **Wollack, J. A.** (2018, April). *Discussion of "Detecting Bad Things: Research on Cheating"*. Presentation at the annual meeting of the National Council on Measurement in Education, New York, NY.
221. **Wollack, J. A.** (2018, April). *Discussion of "Procedures for Detecting Aberrant Exam-Taking Behavior in the Operational Setting"*. Presentation at the annual meeting of the National Council on Measurement in Education, New York, NY.
222. **Wollack, J. A.** (2013, April). *Discussion of "Cheating"*. Presentation at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
223. **Wollack, J. A.** (2013). *Reflections on 'Testing in the Movies and on Television'*. Invited session at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
224. **Wollack, J. A.** (2011, April). *Discussion of "Erasure Analysis: Descriptives, Covariates, and Modeling Options from Multiple States"*. Presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
225. **Wollack, J. A.** (2011, April). *Discussion of "Test Security Issues in the Modern Era of Assessment"*. Presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
226. **Wollack, J. A.** (2008, March). *Discussion of "Approaches to Test Assembly"*. Presentation at the annual meeting of the National Council on Measurement in Education, New York, NY.
227. **Wollack, J. A.** (2008, March). *Discussion of "Assessing the Predictive Validity of Placement Exams"*. Presentation at the annual meeting of the Measurement Services SIG of the American Educational Research Association, New York, NY.
228. **Wollack, J. A.** (2008, March). *Discussion of "Contemporary Challenges with Equating and Linking"*. Presentation at the annual meeting of the American Educational Research Association, New York, NY.
229. **Wollack, J. A.** (2007, April). *Discussion of "Issues in the Evaluation of Dimensionality"*. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
230. **Wollack, J. A.** (2007, April). *Discussion of "Course and Program Evaluations in K-12 and Higher Education"*. Presentation at the annual meeting of the Measurement Services SIG of the American Educational Research Association.
231. **Wollack, J. A.** (2006, April). *Discussion of "Issues in Differential Item Functioning"*. Presentation at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
232. **Wollack, J. A.** (2005, April). *Discussion of "An examinee perspective"*. Presentation at the annual meeting of the National Council on Measurement in Education, Montreal, Canada.
233. **Wollack, J. A.** (2004, April). *Discussion of "Innovative item response models"*. Presentation at the annual meeting of the American Educational Research Association, San Diego, CA.
234. **Wollack, J. A.** (2003, April). *Discussion of "IRT Linking"*. Presentation at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
235. **Wollack, J. A.**, (2002, April). *Discussion of "Statistical Issues in Measurement"*. Presentation at the annual meeting of the American Educational Research Association, New Orleans, LA.
236. **Wollack, J. A.**, (2001, April). *Discussion of "Differential Item Functioning (DIF)"*. Presentation at the annual meeting of the American Educational Research Association, Seattle, WA.

237. **Wollack, J. A.**, (2000, April). *Discussion of "Test Score Accuracy"*. Presentation at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.

Workshops

1. **Wollack, J. A.** (2025, February). *Statistical methods to detect preknowledge*. Iowa City, IA: Iowa Testing Programs, University of Iowa.
2. **Wollack, J. A.** (2018, August). *The theory and application of statistical detection of cheating on tests*. Workshop presented at VI Conbratri-The Brazilian Congress of Item Response Theory, Juiz de Fora, Brazil.
3. **Wollack, J. A.**, & Sedivy, S. K. (2016, May). *Tests that get harder the better you do: How does computerized adaptive testing work? Is it fair to everyone?* Presentation at East High School's STEAM Week, Madison, WI.
4. **Wollack, J. A.** (2012, October). *Setting the Passing Standard*. Presentation at the Federation of State Boards of Physical Therapy's 2012 National Physical Therapy Exam Workshop for Faculty, Alexandria, VA.
5. **Wollack, J. A.** (2012, October). *The Psychometrics of the NPTE*. Presentation at the Federation of State Boards of Physical Therapy's 2012 National Physical Therapy Exam Workshop for Faculty, Alexandria, VA.
6. **Wollack, J. A.**, Gillian-Daniel, A. L., & Harris-Johnson, K. (2012, January). *Grading strategies to improve class assessment*. University of Wisconsin Teaching Improvement Program, College of Engineering.
7. **Wollack, J. A.** & Sedivy, S. K. (2012, June). *Assessment and evaluation: Best practices*. Madison, WI: University of Wisconsin Teaching Academy Summer Institute.
8. **Wollack, J. A.**, Gillian-Daniel, A. L., & Harris-Johnson, K. (2011, January). *Grading strategies to improve class assessment*. University of Wisconsin Teaching Improvement Program, College of Engineering.
9. **Wollack, J. A.** (2011, March). *Setting the Passing Standard*. Presentation at the Federation of State Boards of Physical Therapy's 2011 National Physical Therapy Exam Workshop for Faculty, Alexandria, VA.
10. **Wollack, J. A.** (2011, March). *The Psychometrics of the NPTE*. Presentation at the Federation of State Boards of Physical Therapy's 2011 National Physical Therapy Exam Workshop for Faculty, Alexandria, VA.
11. **Wollack, J. A.** (2010, September). *Overview and Analysis of Answer Copying Detection Indexes*. Newtown, PA: The College Board.
12. **Wollack, J. A.** (2009, February). *Using item analysis to improve state employment tests*. Madison, WI: Wisconsin Office of State Employment Relations.
13. **Wollack, J. A.** (2009, January). *Formal assessment: Designing quizzes and exams*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.
14. **Wollack, J. A.** (2008, January). *Formal Assessment: Designing Quizzes and Exams*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.
15. **Wollack, J. A.**, & Seibert, C. (2008, May). *The Art and Science of Writing Multiple Choice Questions*. Madison, WI: University of Wisconsin School of Medicine.

16. **Wollack, J. A.**, Woo, V., Lu, A., Fish, M., & O'Connor, T. (2008, October). *Interpreting Item Analyses*. Madison, WI: Testing & Evaluation Services.
17. **Wollack, J. A.** (2007, August). *Maximizing the Return From Classroom Assessments: The Nuts and Bolts of Testing*. Madison, WI: School of Education Teaching Assistant Orientation.
18. **Wollack, J. A.** (2007, August). *Test Writing: Do's and Don'ts*. Madison, WI: University of Wisconsin School of Pharmacy.
19. **Wollack, J. A.**, Trueba, C., & O'Connor, T. (2007, June). *Inclusive Course Design: Creative and Common Sense Approaches to Better Learning*. Madison, WI: University of Wisconsin Teaching Academy Summer Institute.
20. **Wollack, J. A.**, Booske, J., and Morrow, M. (2007, January). *Formal Graded Assessment: Focus on Partial Credit*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.
21. **Wollack, J. A.**, Sung, H. J., & Park, C. (2006, October). *Creating Valid and Reliable Classroom Tests* [October 9 to October 30, 2006]. Madison, WI: University of Wisconsin Teaching Academy.
22. **Wollack, J. A.** (2005, June). *Assessment of Student Learning*. Madison, WI: University of Wisconsin Teaching Academy Summer Institute.
23. **Wollack, J. A.** (2005, May). *Grading-Group Projects, Rubrics, and Curves; Oh My!*. Madison, WI: University of Wisconsin Teaching Academy and Division of Information Technology's Department of Learning Technology and Distance Education.
24. **Wollack, J. A.** (2005, October). *Winning the War on Cheating: Combating Classroom Cheating Through Awareness, Prevention, and Detection*. Madison, WI: University of Wisconsin, School of Education.
25. **Wollack, J. A.** & Blanchard, J. (2005, August). *Grading for Student Learning: Group Projects, Rubrics and Curves*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.
26. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2005, October). *Creating Valid and Reliable Classroom Tests* [October 3 to October 24, 2005]. Madison, WI: University of Wisconsin Teaching Academy.
27. **Wollack, J. A.** (2004, September). *Creating Valid and Reliable Classroom Tests* Ellensburg, WA: University of Central Washington.
28. **Wollack, J. A.** (2004, November). *Designing Classroom Assessments*. Madison, WI: University of Wisconsin, School of Education.
29. **Wollack, J. A.** (2004, August). *The Process of Multiple-Choice Testing*. LaCrosse, WI: University of Wisconsin School of Nursing.
30. **Wollack, J. A.**, & Courter, S. S. (2004, June). *Assessment of Student Learning: Formative & Summative*. Madison, WI: University of Wisconsin Teaching Academy Summer Institute.
31. **Wollack, J. A.**, Kang, T., & Sung, H. J. (2004, October). *Creating Valid and Reliable Classroom Tests* [October 5 to October 26, 2004]. Madison, WI: University of Wisconsin Teaching Academy.
32. **Wollack, J. A.** & Shedd, T. (2004, August). *Psychometric Aspects of Grading*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.

33. **Wollack, J. A.**, Siegler, J., Kang, T., & Wells, C. S. (2004, February). *Creating Valid and Reliable Classroom Tests* [February 3 to February 24, 2004]. Madison, WI: University of Wisconsin Teaching Academy.
34. Courter, S. S. & **Wollack, J. A.** (2003, June). *Assessing Student Learning*. Madison, WI: University of Wisconsin Teaching Academy Summer Institute.
35. Courter, S. S., **Wollack, J. A.**, & Kwako, J. (2003, August). *Knowing What Students Know: Informal and Formal Assessment Strategies and Resources*. Madison, WI: University of Wisconsin Teaching Improvement Program, College of Engineering.
36. Cohen, A. S., Kane, M. T., Subkoviak, M. J., & **Wollack, J. A.** (1997). *UNESCO Training Institute in Educational Testing* [October 6 to October 31, 1997]. Institute conducted for Ministry of Education of Saudi Arabia. Madison, WI: University of Wisconsin, Testing & Evaluation Services.

Webinars

1. **Wollack, J. A.**, Swygert, K., Munson, L., & Saiar, A. (2021, March). *Remote Test Administration in Credentialing*. National Council on Measurement in Education, Mt. Royal, NJ.
2. Ben-Dov, N., Dyer, J., & **Wollack, J.** (2018, March). *The Value of Testing*. National College Testing Association, Clearwater Beach, FL.
3. **Wollack, J. A.**, Reynolds, C., & Kolasa, R. (2016, February). *Placement Testing Implementation Success: What You Need to Know, Test Developers Panel*. National College Testing Association, Clearwater Beach, FL.
4. **Wollack, J. A.** & Sedivy, S. K. (2016, August) *5 Things You Have to Know About Placement Testing...Retesting*. UW Center for Placement Testing, Madison, WI.
5. **Wollack, J. A.** & Sedivy, S. K. (2016, July) *5 Things You Have to Know About Placement Testing...Subscores*. UW Center for Placement Testing, Madison, WI.
6. **Wollack, J. A.** & Sedivy, S. K. (2016, July) *5 Things You Have to Know About Placement Testing...Validity*. UW Center for Placement Testing, Madison, WI.
7. **Wollack, J. A.** & Sedivy, S. K. (2016, October) *5 Things You Have to Know About Placement Testing...Cutscores*. UW Center for Placement Testing, Madison, WI.
8. **Wollack, J. A.** & Sedivy, S. K. (2016, October) *5 Things You Have to Know About Placement Testing...Fairness*. UW Center for Placement Testing, Madison, WI.
9. Sedivy, S. K., Greene, S., & **Wollack, J. A.** (2016, September) *5 Things You Have to Know About Placement Testing...Proctoring Placement Tests*. UW Center for Placement Testing, Madison, WI.
10. **Wollack, J. A.** & Sedivy, S. K. (2016, September) *5 Things You Have to Know About Placement Testing...Standardized Writing Tests*. UW Center for Placement Testing, Madison, WI.
11. Flynn, P., **Wollack, J. A.**, Sedivy, S. K., & Greene, S. (2015, December). *Tailwind Placement Exams*. Morrisville, NC.
12. Sedivy, S. K. & **Wollack, J. A.** (2013, September). *Question writing and psychometrics 101*. Webinar for ExamSoft, Inc. Boca Raton, FL.
13. **Wollack, J. A.** & Fremer, J. J. (2013, February). *"Handbook of Test Security": Learn more about preventing and detecting cheating on high stakes tests*. Webinar for Caveon Test Security.

14. **Wollack, J. A.** & Sedivy, S. K. (2013, February). *Psychometrics 101*. Webinar for ExamSoft, Inc. Boca Raton, FL.

Teaching

University of Wisconsin-Madison

Educational Psychology 760: Statistical Methods in Education I
Educational Psychology 761: Statistical Methods in Education II
Educational Psychology 771: Test Construction
Educational Psychology 971: Advanced Seminar in Educational Measurement and Statistics
Educational Psychology 999: Independent Reading

Honors

School of Education Distinguished Faculty Achievement Award, University of Wisconsin, 2025
Vilas Associates Award, University of Wisconsin, 2019-2021
Service and Leadership Award, National College Testing Association, 2015
President's Award, National College Testing Association, 2014
Awarded honorific title of Associate Research Professor of Educational Psychology, 2006
Elected as a Fellow in the University of Wisconsin Teaching Academy, 2005

Service

University of Wisconsin-Madison

Member, School of Education Budget Committee, 2025 - present
Chair, School of Education Budget Committee, Academic Subcommittee, 2026 -present
Member, Division of Teaching and Learning Leadership Team, 2025 - present
Educational Psychology Alternate, Faculty Senate, 2024 - present
Member, Student Misconduct Hearing Panel, 2020 - present
Ex Officio Member, General Education Committee, 2010 - present
School of Education Faculty & Staff Distinguished Achievement Awards Selection Committee, 2026
Member, School of Education Graduate Education Task Force, 2025
Member, Educational Psychology Search Committee (Asst. Professor, Quantitative Methods), 2025
Member, Educational Psychology Communications Committee, 2024 - 2025
Member, General Education Academic Outcomes and Assessment Committee, 2023 - 2025
Member, School of Education Administrative Council, 2007 - 2025
Member, Educational Psychology Search Committee (Lecturer, School Psychology), 2024
Chair, Department of Educational Psychology, 2019 - 2024
Chair, Educational Psychology Curriculum Committee, 2019 - 2024
Member, School of Education Human Resources Director Search Committee, 2022
Member, Educational Psychology Search Committee (Academic Program Specialist), 2021
Member, Educational Psychology Search Committee (Student Services Coordinator), 2020
Member, Educational Psychology Search Committee (Department Administrator), 2019
Member, School of Education Academic Planning Council, 2018 - 2021
Member, Digitally Enhanced Testing Subcommittee of the Teaching and Learning Technology Advisory Group, 2018 - 2020
Associate Chair, Department of Educational Psychology, 2018 - 2019
Member, Conflict of Interest Committee, 2018 - 2019

Chair, Educational Psychology Faculty and Staff Awards Committee, 2017 - 2019
 Social Science Faculty representative, UW-Madison team for the UW System Math Initiative, 2017 - 2019
 Member, General Education Assessment Committee, 2007 - 2019
 Ex officio, University Council on Academic Affairs and Assessment (formerly Assessment Council), 2007 - 2019
 Member, Educational Psychology Faculty and Staff Awards Committee, 2016 - 2017
 Chair, Educational Psychology Tenure Committee (Steiner), 2015 - 2016
 Member, Educational Psychology Faculty Review Committee, 2015 - 2016
 Alternate, Social and Behavioral Research Institutional Review Board, 2014 - 2016
 Research Director, General Education Assessment, 2010 - 2016
 Chair, General Education Assessment Committee, 2010 - 2016
 Member, Academic Integrity Advisory Board, 2013 - 2015
 Member, Educational Psychology Search Committee (Asst. Professor, Learning Sciences), 2012 - 2013
 Member, Education Research Institutional Review Board, 2003 - 2010
 Member, Hearing Examiners Panel, 2000 - 2009
 Member, Compensation and Economic Benefits Committee, 2007 - 2009
 Representative, Academic Staff Assembly, 2000 - 2005
 Member, School of Education Facilities Committee, 1999 - 2003
 Member, Academic Misconduct Hearing Panel, 1998 - 2000
 Member, Ad Hoc Committee to Review Prohibited Harassment Legislation, 1997 - 1999
 Member, School of Education Equity and Diversity Committee, 1998 - 1999
 Member, Educational Psychology TA and Student Advisory Committee, 1993 - 1994

UW System

Member, University of Wisconsin System Placement Test Development Committees (in English, French, German, Mathematics, and Spanish), 1995 - present
 Chair, University of Wisconsin Standardized Placement Initiative, 2014 - 2017
 Member, University of Wisconsin Systemwide Remedial Education Work Group, 2013 - 2014
 Member, University of Wisconsin Committee on Remediation, 2013
 Member, University of Wisconsin System Foreign Language Alignment Committee, 1999

State of Wisconsin

Member, College Readiness Partnership Core Team, 2012 - 2018
 Member, Wisconsin State Department of Public Instruction ACT Standard Setting Panel, 2015
 Higher Education Lead, Common Core State Standards Implementation, 2011 - 2015
 Member, Wisconsin State Department of Public Instruction Measurement Work Team for Educator Effectiveness, 2012 - 2013
 Member, Wisconsin State Department of Public Instruction Next Generation of Assessments Task Force, 2008 - 2009
 Member, Wisconsin State Department of Public Instruction Elementary and Secondary Education Act Testing Advisory Committee, 2003 - 2009

Professional

Member, Proctor Certification Item Writing Committee, National College Testing Association, 2026
 Member, Uniform Guidelines for Testing Accommodations in Credentialing Testing, 2025 - present
 Member, Test Security Advisory Board, Duolingo English Test, 2024 - present
 Member, Test Irregularity Review Committee, Louisiana Department of Education, 2023 - present

Member, Nominating Committee, National College Testing Association, 2021 - present
 President, Council on Test Security, 2020 - present
 Member, Editorial Board, *Educational Measurement: Issues & Practice*, 2019 - present
 Member, Editorial Board, *Journal of Educational Measurement*, 2019 - present
 Member, Editorial Board, *Journal of the National College Testing Association*, 2017 - present
 Member, Executive Committee, Conference on Test Security (formerly the Conference on the Statistical Detection of Potential Test Fraud), 2012 - present
 Member, Technical Advisory Panel, Federation of State Boards of Physical Therapy, 2010 - present
 Subject Matter Expert, Standard Setting Panel, NCTA Proctor Certification Exam, 2024
 Member, Online Proctoring Standards Steering Committee, National College Testing Association, 2021 - 2024
 Member, Job Task Analysis Subject Matter Expert for Proctor Certification Project, National College Testing Association, 2021 - 2024
 Member, Educational Statistics and Research Methods Program Review Committee, University of Arkansas, 2022
 Member, Data Forensics and Test Security Advisory Panel, PSI Services, 2021
 Member, International Public Management Association for Human Resources (IPMA-HR) Test Development Committee, 2018 - 2021
 Member, Board of Examiners, American Institute of Certified Public Accountants, 2017 - 2021
 Member, Technical Advisory Panel (Florida Teacher Certification Examinations/Florida Educational Leadership Examination), Florida State Department of Education, 2018 - 2021
 Chair, Psychometric Oversight Committee, American Institute of Certified Public Accountants, 2017 - 2020
 Member, Board of Directors, Institute for Exam Security, 2017 - 2020
 Chair, Proctor Certification Steering Committee, National College Testing Association, 2017 - 2018
 Member, ACT and American Educational Research Association E. F. Lindquist Award Committee, 2016 - 2018
 Board of Directors, National College Testing Association, 2013 - 2017
 Co-Chair, Professional Development Division of the National College Testing Association, 2013 - 2017
 Conference Chair/Host, Conference for the Conference on Test Security, 2017
 Member, Psychometric Oversight Committee, American Institute of Certified Public Accountants, 2013 - 2021
 Past Chair, National College Testing Association Program Committee, 2016-2017
 Chair, National College Testing Association Program Committee, 2013 - 2016
 Member, Research Advisory Committee, College Board, 2013 - 2016
 Editor, *Journal of the National College Testing Association*, 2011 - 2017
 Chair, National Council on Measurement in Education Elections Committee, 2014 - 2016
 Co-Chair, Association of Test Publishers and National College Testing Association Joint Committee on Proctoring Best Practices, 2014 - 2015
 NYSED Test Security Technical Advisory Group, Regents Research Fund, New York, 2013 - 2015
 Board of Directors, National Council on Measurement in Education, 2011 - 2014
 Chair, National Council on Measurement in Education Proposal Review Panel on Operational Psychometrics, 2013
 Conference Chair/Host, Conference on the Statistical Detection of Test Fraud/COTS, 2013
 Member, National College Testing Association Program Committee, 2012 - 2013
 Member, National Council on Measurement in Education Subcommittee on Test Score Integrity, 2012
 President, Measurement Services Special Interest Group of the American Educational Research Association, 2008 - 2011
 Editorial Board, *Applied Psychological Measurement*, 2005 - 2008
 Chair, National Council on Measurement in Education Elections Committee, 2005 - 2006
 Member, National Council on Measurement in Education Elections Committee, 2005 - 2008

Chair, National Council on Measurement in Education Training and Professional Development Committee, 2004 - 2005

Member, National Council on Measurement in Education Training and Professional Development Committee, 2003 - 2005

Journal Reviewer, Manuscripts for *Applied Psychological Measurement*, *Computational Statistics and Data Analysis*, *Educational and Psychological Measurement*, *Educational Measurement: Issues and Practice*, *Educational Policy International Journal of Testing*, *Journal of Educational and Behavioral Statistics*, *Journal of Educational Measurement*, *Journal of Psychoeducational Assessment*, *Measurement in Physical Education and Exercise Science*, *Multivariate Behavioral Research* and *Psychometrika*

Grant Reviewer, National Science Foundation (NSF)

Conference Reviewer, Proposals for American Educational Research Association, Conference on Test Security, National College Testing Association, & National Council on Measurement in Education

Private Consulting

I have consulted with the American Institutes of Certified Public Accountants (AICPA), Cambridge English Language Assessments, Caveon Test Security, CFA Institute, College Board, Data Recognition Corporation (DRC), Educational Testing Service, the Federation of State Boards of Physical Therapy (FSBPT), the Florida Department of Education, the Louisiana Department of Education, the New York State Education Department (NYSED), the Wisconsin Department of Education, the National Conference of Bar Examiners (NCBE), the State Bar of California, the State Bar of Colorado, the Florida Board of Bar Examiners, the Indiana State Board of Law Examiners, the Pennsylvania Board of Law Examiners, the Supreme Court of Arizona, Administrative Office of the Courts, the New York State Board of Law Examiners (NYSBLE), the Virginia Board of Bar Examiners, the Utah Law & Justice Center, the Washington State Bar Association, the International Public Management Association for Human Resources (IPMA-HR), the National Board of Medical Examiners (NBME), and PSI Services on matters relating to test security and psychometrics. I have served as an expert witness on several occasions in lawsuits and hearings relating to alleged cheating on exams. I have also provided general psychometric consulting services for the National Association of State Boards of Accountancy (NASBA), including helping develop the Candidate Performance on the Uniform CPA Examination book from 2005 - 2009.

Current Professional Affiliations

Association of Test Publishers (ATP)

National College Testing Association (NCTA)

National Council on Measurement in Education (NCME)

July 31, 2026