

Jason C. Immekus, Ph. D.

Educational Leadership, Evaluation & Organizational
Development
College of Education & Human Development
University of Louisville
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EDUCATION/POSITIONS

- Associate Professor (Tenured), University of Louisville (2014 – present)
Department of Educational Leadership, Evaluation, & Organizational Development
- Affiliate Faculty (2014-Present). Educational Psychology, Measurement, & Evaluation. College of Education & Human Development, University of Louisville.
- Affiliate Faculty (2014-Present). Educational Leadership in Administration. College of Education & Human Development, University of Louisville.
- Associate Professor (Tenured), California State University, Fresno (2013 – 2014)
Department of Educational Research and Administration
- Assistant Professor, California State University, Fresno (2007 – 2013)
Department of Educational Research and Administration
- Faculty Fellow, Central California Children’s Institute, California State University, Fresno (2008 – 2014)
- Postdoctoral Research Associate, Center for Health Statistics, University of Illinois at Chicago, IL (2006 – 2007)
Faculty Supervisors: Profs. R. Darrell Bock & Robert D. Gibbons
- Ph. D. Educational Psychology, Purdue University, West Lafayette, IN (2006)
Specialization: Educational & Psychological Measurement, Quantitative Methods
- M.S. Educational Psychology, Purdue University, West Lafayette, IN (2000)
- B.A. Psychology, La Roche College, Pittsburgh, PA (1997)

PROFESSIONAL EXPERIENCES

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| 2013 | U.S. Department of Education I3 Innovations in Education
Role: Panel Review Board Member (Evaluation) |
| 2009 – 2013 | J. E. Fehsenfeld Family Foundation
Role: Board Member |
| 2012-2013 | California Commission on Teacher Credentialing Teaching Performance Assessment Model Panel
Role: Panel Review Member |
| 2013-2014 | Proving our Parenting Skills
Lead Agency: Economic Opportunity Commission of Fresno County
Role: Program Evaluator (Center for Research Evaluation & Assessment) |

- 2011-2013 Implementation of Positive Behavioral Interventions & Support across California Central Valley schools
Lead Agency: Special Education Local Area Plan of Fresno County
Office of Education
Role: Program Evaluator
- 2011-2013 Center for Leadership, Equity, & Research
Role: Advisory Board Member

AWARDS

- 2019 *Cutting Edge Research Award* from the Association of Human Research Development
- 2017-2018 University of Louisville Faculty Favorite
- 2014-2015 University of Louisville Faculty Favorite
- 2009-2010 Promising New Faculty Provost Award, California State University, Fresno
- 2005 *The comparison of deaf and core UNIT standardization sample profiles.*
Best Paper Award, American Educational Researchers Association (AERA)
SIG: Research on the Education of Deaf Persons.
Co-Authors: Maller, S. J., Immekus, J. C., & McDermott, P. A.
- 2001 Outstanding Graduate Instructor in Educational Studies, Purdue University
- 2001 Outstanding Graduate Instructor in School of Education, Purdue University

FUNDED GRANTS

- 2018-2021 *Research Experience for Teachers: Big Data and Data Science*
Funder: National Science Foundation. Amount: \$600,000. Role: External Evaluator.
- 2017-2018 *High-Quality Continuation Grant, Ohio Valley Educational Consortium.*
Funder: Kentucky Department of Education, Mathematics and Science Partnerships Grant. Amount: \$51,710. Role: External Evaluator.
- 2016-2018 *High-Quality² (Hi-Q²) Math Project, Ohio Valley Educational Consortium.*
Funder: Kentucky Department of Education, Mathematics and Science Partnerships Grant. Amount: \$410,000. Role: External Evaluator.
- 2017 *Ft. Knox & University of Louisville Cadre and Faculty Development Course Program.* Role: External Evaluator.
- 2015-2017 *High-Quality¹ (Hi-Q¹) Math Project, Ohio Valley Educational Consortium.*
Funder: Kentucky Department of Education, Mathematics and Science Partnerships Grant. Amount: \$399,783. Role: External Evaluator.
- 2015-2019 *Developing an Equity Responsive Climate: Enhancing Instructional Capacity to Increase Student Learning.* Funder: Jefferson County Public Schools. Amount: \$394,523. Role: Co-Investigator.
- 2016 *Ft. Knox & University of Louisville Cadre and Faculty Development Course Program.* Role: External Evaluator.
- 2015 *Ft. Knox & University of Louisville Cadre and Faculty Development Course Program.* Role: External Evaluator.

2015 *Evaluating an Online Resource Tool for College Readiness*. Funder: 55K. Amount: \$3,000. Role: Faculty mentor.

2015 *Establishing a Science Outreach Program for Under-Represented Students in West Louisville*. Funder: University of Louisville School of Medicine. Amount: \$25,000 July 1, 2015-June 30, 2016. Role: Faculty mentor to junior faculty
PI: Cynthia J. Miller, Ph.D. Collaborators: Michael J. Metz, D.M.D., Wei-Shao Lin, D.D.S., and Jason C. Immekus, Ph.D.

2013 *The Predictive Validity of Interim Assessment Scores Based on the Full-Information Bifactor Model for the Prediction of End-of-Grade Test Performance*. Role of Principal Investigator. \$5,000, Kremen School of Education & Human Development, Fresno State. Amount: \$5,000.

Escholars Professional Development. Role of participant. \$5,000, Fresno State (2012)

Developing a Framework to Evaluate Teachers' Assessment Knowledge and Practice. Role of Principal Investigator. \$5,000, Kremen School of Education & Human Development, Fresno State (2012)

Applied Psychometrics using SAS. Role of Principal Investigator. \$5,000, Kremen School of Education & Human Development, Fresno State (2012)

Escholars Professional Development. Role of participant. \$1,500, Fresno State (2010)

The Psychometric Properties of the Jumpstart School Success Checklist: Testing Item- and Score- Level Equivalency across Sex, Language, and Program Samples. Role of Principal Investigator. \$5,000, Jumpstart (2010-2011)

Escholars Program, Fresno State (2009, 2011, \$2,500)

Computerized Adaptive Testing – Major Depressive Disorder. Role of investigator (Principal Investigator: Gibbons, R. D.), National Institute of Mental Health (2009-2011)

The Effects of Non-Normal Distributions on the Mantel-Haenszel and Logistic Regression Procedures for Detecting Differential Item Functioning. Role of Principal Investigator. \$5,284, Kremen School of Education & Human Development, Fresno State (2007)

Assessing Student Team Effectiveness. Role of Grant writer (Principal Investigator: Imbrie, P. K.) National Science Foundation (2005)

College of Education Graduate Student Travel Grant, Purdue University, \$150 (2005)

Educational Studies Travel Grant, Purdue University, \$150 (2005)

Purdue Student Government Travel Grant, 2004 (\$200)

Educational Studies Travel Grant, Purdue University, \$150 (2004)

Purdue Research Foundation Grant (Dissertation Research), \$27,978 (2003-2005)

Undergraduate Instructional Equipment Allocation, Purdue University, \$6,000 (2001)

PUBLICATIONS

- French, B. F., Finch, H., & Immekus, J. C. (in press). Multilevel generalized Mantel-Haenszel for differential item functioning detection. *Frontiers in Education*.
- Immekus, J. C., Snyder, K. E., & Ralston, P. A. (in press). Multidimensional item response theory for factor structure assessment in educational psychology research. *Frontiers in Education*.
- Immekus, J. C., Muntis, F. R., & Terson de Paleville, D. (in press). Predictor Selection Using Lasso to Examine the Association of Motor Proficiency, Postural Control, Visual Efficiency, and Behavior with the Academic Skills of Elementary School-Aged Children. *Journal of Motor Learning and Development*.
- Herberger, G., Immekus, J. C., & Ingle, W. K. (in press). Student, neighborhood, and school factors and their association with college readiness: Exploring the implementation of a race- and socioeconomic-based student assignment plan. *Education and Urban Society*.
- Cumberland, D. M., Shuck, B., Immekus, J. C., & Alagaraja, M. (2018). An emergent understanding of influences on managers' voices in SMEs. *Leadership & Organization Development Journal*, 32(2), 65-89.
- Cipresso, P., & Immekus, J. C. (2017). Back to the future of quantitative psychology and measurement: Psychometrics in the twenty-first century. *Frontiers in Psychology*, 8, 1-7. doi: 10.3389/fpsyg.2017.02099
- Immekus, J. C., & Ingle, W. K. (2017). A test and cross-validation of the factor structure of the Engagement versus Disaffection with Learning Instrument among middle school students. *Journal of Psychoeducational Assessment*.
- Cauley, B., Immekus, J. C., & Pössel, P. (2017). An investigation of African American and European American students' perception of teaching behavior. *Journal of School Psychology*, 65, 28-39.
- Reid, K., Imbrie, P. K., Lin, J. J., Reed, T., & Immekus, J. C. (2016). Psychometric properties and stability of the Student Attitudinal Success Instrument: The SASI-T. *International Journal of Engineering Education*, 32(6), 2,470-2,486.
- French, B. F., Gotch, C. M., Immekus, J. C., & Beaver, J. L. (2016). The development and investigation of the psychometric properties of a measure of teamwork among high school students. *Psychological Test and Assessment Modeling*, 3, 455-470.
- Baron, S., Immekus, J. C., González, J. C., & Yun, C. (2016). License to let go in transitional kindergarten programs: Supports and barriers of play-based strategies. *Curriculum and Teaching Dialogue*, 18(2).
- Immekus, J. C., & McGee, D. (2016). The measurement invariance of the Student Opinion Scale across English and non-English Language Learner students within the context of low- and high-stakes assessments. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2016.01352

- Immekus, J. C., & Atitya, B. (2016). The predictive validity of interim assessment scores based on the full-information bifactor model for the prediction of summative test performance. *Educational Assessment, 21*, 176-195. doi: 10.1080/10627197.2016.1202108
- Immekus, J. C. (2016). The use of surveys in teacher education programs to meet accreditation standards: Pre-service teachers' culturally responsive beliefs and practices. *Research & Practice in Assessment, 11*, 18-28.
- Galvao M., Saeed O., Immekus J. C., Goldstein D., & Maybaum S. (2014). An international survey to assess referral thresholds for destination therapy in non-inotrope dependent patients: Results of the CONSENSUS-DT study. *Journal of Cardiac Failure, 20*(7), 492-497.
- Immekus, J. C. (2014). Review of the Multi-Dimensional Intelligence Test. *The Mental Measurements Yearbook*.
- González, J. C., & Immekus, J. C. (2013). Experiences of Central California Latino male youth: Recollecting despair and success in *Barrios* and schools. *Diaspora, Indigenous, & Minority Education, 7*, 180-197.
- Galvao, M., Saeed, O., Immekus, J. C., & Maybaum, S. (2013). Referral patterns for left ventricular assist device as destination therapy in non-inotrope dependent patients: Results of the CONSENSUS-DT survey. *The Journal of Acute and Critical Care, 42*(4), 293-294. doi: 10.1016/j.hrtlng.2013.06.015
- Immekus, J. C. (2013). The factor structure and invariance of an observational checklist to measure children's emergent literacy development across male and female samples. *Journal of Educational and Development Psychology, 3*(1), 101-112. doi:10.5539/jedp.v3n1p101
- Immekus, J. C., & Imbrie, P. K. (2010). A test and cross-validation of the factor structure of the Revised Two-Factor Study Process Questionnaire among Western university students. *Educational and Psychological Measurement, 70*, 496-510.
- Immekus, J. C., & Maller, S. J. (2009). Factor structure invariance of the Kaufman Adolescent & Adult Intelligence Test across male and female samples. *Educational and Psychological Measurement, 70*, 91-104.
- Immekus, J. C., & Maller, S. J. (2009). Item parameter invariance of the Kaufman Adolescent & Adult Intelligence Test across male and female samples. *Educational and Psychological Measurement, 69*, 994-1012.
- Gibbons, R. D., Rush, J., & Immekus, J. C. (2009). On the psychometric validity of the domains of the PDSQ: An illustration of the bi-factor item response theory model. *Journal of Psychiatric Research, 43*, 401-410.
- Immekus, J. C., & Imbrie, P. K. (2008). Dimensionality assessment using the full-information item bifactor analysis for graded response data: An illustration with the State Metacognitive Inventory. *Educational and Psychological Measurement, 68*, 695-709.
- Gibbons, R. D., Weiss, D. J., Kupfer, D. J., Frank, E., Fagiolini, A., Grochocinski, V. J., Bhaumik, D. K., Stover, A., Bock, R. D., & Immekus, J. C. (2008). Using computerized adaptive testing to reduce the burden of mental health assessment. *Psychiatric Services, 59*, 361-368.

Gibbons, R. D., Immekus, J. C., & Bock, R. D. (2007). *The added value of multidimensional item response theory models*. Workbook for the National Institute of Health. Supported by Contract 2005-05828-00-00.

Immekus, J. C., & French, B. F., (2006). Predicting student outcomes: Comments on theory and methods. *Annals of Research on Engineering Education*.

French, B. F., Immekus, J. C., & Oakes, W. C. (2005). Examination of indicators of engineering students' success and persistence. *Journal of Engineering Education*, 94, 419-426.

Books/Book Chapters

Finch, H., Immekus, J. C., & French, B. F. (2016). *Applied psychometrics using SPSS*. Charlotte, NC: Information Age Publishing.

Finch, H., French, B. F., & Immekus, J. C. (2014). *Applied psychometrics using SAS*. Charlotte, NC: Information Age Publishing.

French, B. F., Immekus, J. C., & Yen, H-J. (2014). Logistic regression. In T. Teo (Ed). *Handbook of Quantitative Methods for Educational Research*, Sense Publishers.

Maller, S. J., & Immekus, J. C. (2005). The psychometric properties of intelligence tests when used with deaf and hard of hearing individuals: Practices and recommendations. In J. L. Mounty & D. S. Martin (Eds.), *Assessing deaf adults: Critical issues in testing and evaluation* (pp. 75-92). Washington, DC: Gallaudet University Press.

Published Refereed Proceedings

Immekus, J. C., Gibbons, R. D., & Rush, J. (2007). Patient reported outcomes measurement and computerized adaptive testing: An application of a post-hoc Simulation of a diagnostic screening instrument. *Proceedings of the GMAC conference on Computerized Adaptive Testing*. Minneapolis, MN.

Maller, S. J., Immekus, J. C., Imbrie, P. K., Wu, N., & McDermott, P. A. (2005). An examination of engineering students' profile membership over the freshmen year. *Proceedings of Frontiers in Education, USA, S2C*.

Imbrie, P.K., Immekus, J. C., Maller, S. J., & Wu, N. (2005). A model to evaluate team effectiveness. *Proceedings of Frontiers in Education, USA, TF4*.

Immekus, J. C., Maller, S. J., Imbrie, P.K., Wu, N., & McDermott, P. A. (2005). An analysis of students' academic success and persistence using pre-college factors. *Proceedings of Frontiers in Education, USA, S2C*.

Imbrie, P. K., Maller, S. J., & Immekus, J. C. (2005). Assessing team effectiveness. *Proceedings of American Society of Engineering Education, USA, 2230*.

Immekus, J. C., Maller, S. J., Oakes, W. C., & Tracy, S. (2005). Evaluating the outcomes of a service-learning based course in an engineering education program: Preliminary results of the assessment of the Engineering Projects in Community Service. *Proceedings of American Society of Engineering Education, USA, 1330*.

Immekus, J. C., Tracy, S., Yoo, J., Maller, S. J., French, B. F., & Oakes, W. C. (2004). Developing self-report instruments to measure ABET EC 2000 Criterion 3 professional outcomes. *Proceedings of American Society of Engineering Education, USA, 3230*.

French, B., Immekus, J. C., & Oakes, W. C. (2003, November). A structural model of engineering students' success and retention. *Proceedings of the Frontiers in Education Conference, USA*, T2A.

Technical Reports

Immekus, J. C., & Stieglitz, A. (2018, December). *Evaluation of the Ft. Knox and University of Louisville Master Educator Course (701-19)*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C., & Stieglitz, A. (2018, December). *Evaluation of the Ft. Knox and University of Louisville Master Educator Course (702-18)*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C., & Cumberland, D. (2018, November). *Ohio valley cooperative Hi-Q² mathematics professional development training grant*. Report submitted to the Ohio Valley Educational Cooperative and Kentucky Department of Education.

Immekus, J. C. (2018, November). *Ohio valley cooperative Hi-Q² mathematics professional development training continuation grant*. Report submitted to the Ohio Valley Educational Cooperative and Kentucky Department of Education.

Immekus, J. C., & Stieglitz, A. (2018, September). Research experiences for teachers: Big data and data science summer 2018 evaluation report. Report submitted to the University of Louisville.

Immekus, J. C., & Steiglitz, A. (2018, May). *Evaluation of the Ft. Knox and University of Louisville Master Educator Course (701-18)*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C., & Snyder, K. (2016, November). *Validation Study Report*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C., Cumberland, D., & Snyder, K. (2016, September). *Evaluation of the Ft. Knox and University of Louisville Cadre and Faculty Development Program*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C., & Dumas, T. (2015, September). *Evaluation of the Ft. Knox and University of Louisville Cadre and Faculty Development Program*. Report submitted to the University of Louisville and U.S. Army Cadet Command.

Immekus, J. C. (2011, August). *The psychometric properties of the Jumpstart School Success Checklist: Testing item- and score-level equivalency across sex and program samples*. Submitted to Jumpstart.

Joubert, C., Gonzalez, J. C., & Immekus, J. C. (2011, July). *Boys and men of color in Fresno County: Advancing equity through policy and systems change* (Policy Brief). Retrieved from Central California Children's Institute website: <http://www.fresnostate.edu/chhs/ccci/projects/bmoc/>

González, A., Immekus, J. C., & Joubert, C. (2011). *Boys and men of color: Fresno County, California data chart book*. Retrieved from Central California Children's Institute website: <http://www.fresnostate.edu/chhs/ccci/projects/bmoc/>

- Joubert, C., Immekus, J. C., Triona, L., & Colon, B. (2009). *Children of the Valley: Framing a regional agenda*. Retrieved from Central California Children's Institute website: <http://www.fresnostate.edu/chhs/ccci/publications/index.html>
- Gibbons, R. D., Immekus, J. C., & Bock, R. D. (2007). *Didactic workbook: The added value of multidimensional IRT models*. Final Report for Contract # 2005-05828-00-00 from the National Cancer Institute.
- Gibbons, R. D., Bock, R. D., Weiss, D. J., & Immekus, J. C. (2006, December). *Psychometric properties of the Psychiatric Diagnostic Screening Questionnaire: Applications of a full-information item bi-factor analysis and post-hoc simulation of computerized adaptive testing*. Submitted to National Institute of Health.
- Bennett, D., Immekus, J. C., & Elko, S. (2003, January). *Indiana's Assessment System for Educational Proficiencies (IASEP) State Summary Data Report 2002 – 2003*. Submitted to the Indiana Department of Education, Division of Exceptional Learners.
- Bennett, D., Immekus, J. C., & Elko, S. (2002, January). *Indiana's Assessment System for Educational Proficiencies (IASEP) State Summary Data Report 2001 – 2002*. Submitted to the Indiana Department of Education, Division of Exceptional Learners.
- Bennett, D., French, B. F., & Immekus, J. C. (2001, January). *Indiana's Assessment System for Educational Proficiencies (IASEP) State Summary Data Report 2000 – 2001*. Submitted to the Indiana Department of Education, Division of Special Education.
- Bennett, D., French, B. F., & Immekus, J. C. (2000, January). *Indiana's Assessment System for Educational Proficiencies (IASEP) State Summary Data Report 1999 – 2000*. Submitted to the Indiana Department of Education, Division of Special Education.

NATIONAL/INTERNATIONAL PRESENTATIONS

- Philipp, S. B., Nasraoui, O., & Immekus, J. C. (2019, June). *What can we learn from a Research Experiences for Teachers (RET) site? Three perspectives on Big Data and Data Science*. Proceedings of the American Society for Engineering Education, Tampa, FL.
- Reece, T. J., & Immekus, J. C. (2019, April). *Longitudinal invariance of teachers' observational ratings of children's emergent literacy skills*. Paper presented at the annual American Educational Research Association Conference, Toronto, Canada.
- Leach, S. M., Immekus, J. C., French, B. F., & Hand, B. (2019, April). *The factorial validity of the Cornell Critical Thinking Tests: A multi-analytic approach*. Paper presented at the annual American Educational Research Association Conference, Toronto, Canada.
- Immekus, J. C., & Castaneda, R. (2019, April). *An investigation of the psychometric properties of full-information bifactor primary and domain scores*. Paper presented at the annual American Educational Research Association Conference, Toronto, Canada.
- Immekus, J. C., & Ingle, W. K. (2019, April). *The psychometric properties of the engagement versus disaffection with learning instrument among middle school students*. Paper presented at the annual American Educational Research Association Conference, Toronto, Canada.
- Osam, K., Shuck, B., & Immekus, J. C. (2019, February). *Towards a happier and healthier workforce: Examining psychological climate, engagement, and wellbeing among higher*

- education employees*. Paper presented at the annual Association of Human Resource Development Conference, Louisville, KY.
- Svensson, P., Shuck, B., Immekus, J. C., & Otto, M. (2019, February). *The role of employee engagement and organizational climate factors on nonprofit employee performance: A national study of sport-based youth development employees*. Paper presented at the annual Association of Human Resource Development Conference, Louisville, KY.
- Shuck, B., Alagaraja, M., Immekus, J. C., Elliot, M., & Cumberland, D. (2019, February). *Compassionate leader behavior: An emerging framework for consideration in HRD*. Paper presented at the annual Association of Human Resource Development Conference, Louisville, KY.
- Philipp, S. B., Nasraoui, O., & Immekus, J. C. (2018, October). *Research experience for teachers: Computational thinking in big data and data science*. Poster presented at the Research Experience for Teachers: Leveraging our Collective Impact Conference, Raleigh, NC.
- Philipp, S. B., Nasraoui, O., Immekus, J. C., & Mills, M. (2018, September). *Research experience for teachers: Computational thinking in data science*. Poster presented at the Mid-Atlantic Regional Meeting of the Association for Science Teacher Education, Harrisonburg, VA.
- Little, T., Immekus, J. C., & Terson de Paleville, D. (2018, April). *Associations between motor proficiency, balance, and academic performance*. Poster presented at the annual Undergraduate Research Symposium, Louisville, KY.
- Little, T., Immekus J.C., & Terson de Paleville, D. (2018, November). *Associations between Balance, Motor Control and Academic Performance in Elementary School Students. II Annual Symposium for Social Justice Research*. Louisville, KY.
- Little, T., Immekus J.C., & Terson de Paleville, D. (2018, April). *Associations between Balance, Motor Control and Academic Performance in Elementary School Students*. University of Louisville Celebration of Student Writing.
- Johnson, D. D., Shuck, B., Rose, K., Immekus, J. C., Carpenter, B. W., & Lewis-Durham, T. (2017, November). *Teacher engagement as a construct in staffing low-performing schools*. Paper presented at the annual University Council for Educational Administration Conference, Denver, CO.
- Herberger, G., Immekus, J. C., & Ingle, W. K. (2017, November). *Exploring the implementation of a race- and socioeconomic-based student assignment plan on college readiness*. Paper presented at the annual University Council for Educational Administration Conference, Denver, CO.
- Ammerman, K., Immekus, J. C., & Ingle, W. K. (2017, November). *Elementary teachers' perceptions of walkthroughs and professional learning communities*. Paper presented at the annual University Council for Educational Administration Conference, Denver, CO.
- Portillos, E., González, J. C., Peguero, A., Immekus, J. C., & Luna, C. (2017, Nov 15). *School to prison pipeline: Hypercriminalization and incarceration of Latinx youth*. Paper presented at the 73rd Annual Meeting of The American Society of Criminology, Philadelphia, PA.

- Immekus, J. C., Lau, T., & Reece, T. (2017, April). *An investigation of the psychometric properties of an Observational Checklist of children's emergent literacy skills within a multilevel item response theory framework*. Paper to be presented at the annual American Educational Research Association Conference, San Antonio, TX.
- Portillos, E., González, J. C., Peguero, A., Immekus, J. C., & Luna, C. (2017, Mar 23). *Revisiting the school to prison pipeline: Incarcerated Latinx youth experiences*. Paper presented at the annual Conference of the National Association of Chicana and Chicano Studies, Irvine, CA.
- Little, T., Terson de Paleville, D., & Immekus, J. C. (2017, February). *Incorporation of a physical activity program "Minds in Motion" in a Spanish-immersion elementary school. Effects on classroom behavior and academic performance*. Poster to be presented at the 16th annual Posters-at-the Capitol, Frankfort, KY.
- Immekus, J. C. (2016, September). *Service-learning and community engagement in graduate education to promote students' assessment and evaluation competencies*. Paper presented at the annual Consortium for Research and Educational Assessment and Teaching Effectiveness, Louisville, KY.
- Cauley, B., Immekus, J. C., & Pössel, P. (2016, August). *Teaching Behavior Questionnaire's factor structure: Does students' race/ethnicity matter?* Poster presented at the 124th Annual American Psychological Association Convention, Denver, Colorado.
- Baron, S., Immekus, J. C., & González, J. C. (2016, April). *Juxtaposing viewpoints of administrators and teachers on the perceived value of play*. Paper presented at the annual American Educational Research Association Conference, Chicago, IL.
- Baron, S., & Immekus, J.C. (2016, April). *Assessing teachers and administrators' perceived supports and barriers to play in transitional kindergarten*. Poster presented at the annual American Educational Research Association Conference, Chicago, IL.
- Immekus, J.C. (2016, April). *Teacher preparation, accreditation, and surveys: Pre-service teachers' culturally responsive beliefs and practices*. Paper presented at the annual American Educational Research Association Conference, Washington, D.C.
- Crawford, B. F., Reece, T., & Immekus, J. C. (2016, March). *Jumping to conclusions about item bias: Analysis of differential item functioning in the Jumpstart School Success Checklist*. Paper presented at the annual Spring Research Conference, University of Kentucky.
- Crawford, B.F., Immekus, J.C., Adelson, J.L., & McGee, D. (2016, February). *The relationship of giftedness and test-taking motivation with low- and high-stakes tests*. Poster presented at the 2016 Annual Conference of the Kentucky Association for Gifted Education. Lexington, KY.
- Baron, S., Immekus, J. C., Yun, C., & Gonzalez, J. C. (2015, April). *Elementary educators' beliefs on developmentally appropriate practices: Supports and barriers for play*. Paper to be presented at the annual American Educational Research Association Conference, Chicago, IL.

- Immekus, J. C., & McGee, C. (2015, April). *Measurement invariance of the Student Opinion Scale across English and non-English language learner students*. Paper presented at the annual American Educational Research Association Conference, Chicago, IL.
- McGee, C., & Immekus, J. C. (2015, April). *The influence of incentives on student performance on low- and high-stakes, large-scale assessments*. Paper to be presented at the annual American Educational Research Association Conference, Chicago, IL.
- Wilkins, S., Kelley, B., & Immekus, J. C. (2015, March). *California gold: Building sustainable implementation of an integrated multi-tiered system of support*. Paper presented at the annual Association of Positive Behavioral Interventions and Support Conference, Boston, MA.
- Kelly, B., Gonzalez, S., & Immekus, J. C. (2015, March). *Positive behavioral interventions and support*. Poster presented at the annual Association of Positive Behavioral Interventions and Support Conference, Boston, MA.
- González, J. C., Immekus, J. C., Peguero, A., Portillos, E., & Bowers, A. (2015, March). *Authority, policy, and criminalization: A qualitative study of Latina/o youth perceptions*. University of Louisville, KY: Graduate Research Symposium.
- Kelly, B., Gonzalez, S., & Immekus, J. C. (2015, March). *Positive behavioral interventions and support*. Proposal submitted to Association of Positive Behavioral Interventions and Support Conference, Boston, MA.
- French, B. F., Gotch, C. G., Immekus, J. C., & Beaver, J. L. (2014, April). *The development and investigation of the psychometric properties of a measure of teamwork among high school students*. Paper presented at the annual American Educational Research Association Conference, Philadelphia, PA.
- Hart, S. M., & Immekus, J. C. (2014, April). *Developing community college students' civil engagement through service-learning learning communities*. Paper presented at the annual American Educational Research Association Conference, Philadelphia, PA.
- Kralowec, C., Yockey, R., Immekus, J., & Lane-Garon, P. (2014, May). *Confirmatory Factor Analysis of the Modified Davis Interpersonal Reactivity Index – Students (M-IRI)*. Poster session presented at the meeting of the Association for Psychological Science, San Francisco, CA.
- Nelson, F., Immekus, J. C., & Ullrich, W. (2014, January). *Action research in a social justice online program*. Paper presented at the annual Hawaii International Conference on Education, Honolulu, HI.
- González, J. C., & Immekus, J. C. (2014, January). *Latina/o and Hmong student discipline: Exploring school experiences through race, class, and gender*. Paper presented at the annual Hawaii International Conference on Education, Honolulu, HI.
- Immekus, J. C. (2013, April). *The predictive validity of interim assessment scores based on the full-information bifactor model for the prediction of end-of-grade test performance*. Paper presented at the annual American Educational Research Association Conference, San Francisco, CA.
- Kralowec, C., Immekus, J. C., & Lane-Garon, P. (2013, April). *Predicting end-of-grade achievement based on social-emotional learning and competency beliefs among*

- elementary and middle school students*. Paper presented at the annual American Educational Research Association Conference, San Francisco, CA.
- Immekus, J. C., & Alamillo, L. (2013, April). *The use of multiple measures to examine pre-service teachers' cultural responsive beliefs and practices in a teacher education program*. Poster presented at the annual American Educational Research Association Conference, San Francisco, CA.
- González, S., Immekus, J. C., & Kelley, B. (2013, March). *School-wide PBS in California: Past, present, and future*. Paper presented at the 10th Association for Positive Behavior Support Conference, San Diego, CA.
- González, J. C., & Immekus, J. C. (2013, January). *Experiences of Central California Latino Male Youth: Recollecting despair and success in barrios and schools*. Paper presented at the annual Hawaii International Conference on Education, Honolulu, HI.
- Immekus J. C. (2012, November). *The use of interim assessment total and sub-scale scores in educational practice and research*. Presentation at the annual California Educational Research Association, Monterey, CA.
- Dixon, K., Rooney, T., Immekus, J. C., & Ayala, D. (2012, November). *The implementation and evaluation of a performance based system in a rural California Central Valley District*. Presentation at the annual California Educational Research Association Conference, Monterey, CA.
- González, J. C., & Immekus, J. C. (2012, April). *Experiences of Central California Latino Males: Leaders and youth recollecting despair and success in barrios and schools*. Paper presented the annual American Educational Research Association Conference, Vancouver, BC.
- González, J. C., & Immekus, J. C. (2012, March). *Investigación in Latina/o communities in Central California: Brown and White challenges when "researchers" enter the "community"*. Paper to be presented at the 39th Annual Conference of the National Association of Chicana and Chicano Studies, Chicago, IL.
- Immekus, J. C. (2011, November). *The use of factorial invariance research to understand children's development of literacy skills*. Paper presented at the annual Literacy Research Association conference, Jacksonville, FL.
- Hart, S., Immekus, J. C., & Soria, M. (2011, November). *Reading motivation among struggling readers*. Paper presented at the annual Literacy Research Association conference, Jacksonville, FL.
- González, J. C., & Immekus, J. C. (2011, March). *Respetame!/Respect me!/: A qualitative study of Chicano youth voices in Central California*. Paper presented at the annual National Association of Chicana & Chicano Studies conference, Pasadena, CA.
- Immekus, J. C., & Greenlaw, C. (2010, November). *Application of McDermott's Multistage Euclidean Grouping (MEG) procedure to investigate interim assessment score patterns*. Paper presented at the annual California Educational Research Association, San Diego, CA.
- Immekus, J. C. (2010, April). *The effects of non-normal distributions on the Mantel-Haenszel and logistic regression procedures for detecting differential item functioning*. Paper

- presented at the annual American Educational Research Association conference, Denver, CO.
- Immekus, J. C., Greenlaw, C., & Goldfarb, J. (2009, November). *Test score validity and interim assessments: Dimensionality, predictive, and differential item functioning*. Paper presented at the annual California Educational Research Association conference, San Francisco, CA.
- Joubert, C., & Immekus, J. C. (2009, April). *Regional voices on issues facing valley children*. Paper presented at the 25th Annual Conference on Character & Civic Education, Fresno, CA.
- Immekus, J. C. (2008, April). *Factor structure invariance of the Kaufman Adolescent & Adult Intelligence Test across Whites, African American, & Hispanic Samples*. Paper presented at the annual American Educational Research Association conference. New York, NY.
- Immekus, J. C. (2008, April). *Netting the invisible fish: The role of measurement in educational & psychological research*. Poster presented at the annual Renaissance Group conference. Fresno, CA.
- Immekus, J. C., Gibbons, R. D., & Rush, J. (2007, June). *Patient reported outcomes measurement and computerized adaptive testing: An application of a post-hoc Simulation of a diagnostic screening instrument*. Paper presented at the GMAC conference on Computerized Adaptive Testing. Minneapolis, MN.
- Immekus, J. C., & Maller, S. J. (2007, April). *Item parameter invariance of the Kaufman Adolescent & Adult Intelligence Test across male and female samples*. Poster presented at the annual American Educational Research Association conference. Chicago, IL.
- Gibbons, R. D., Bock, R. D., & Immekus, J. C. (2006, September). *The added value of multidimensional item response theory models*. Paper presented at the National Institutes of Health Patient Reported Outcomes Measurement Information System Network Conference. Gaithersburg, MD.
- Maller, S. J., Imbrie, P. K., Wu, N., Immekus, J. C., & McDermott, P. A. (2006, April). *Derivation and stability of normative typologies of first-year engineering students over time and across samples*. Paper presented at the annual American Educational Research Association conference. San Francisco, CA.
- Imbrie, P. K., Maller, S. J., & Immekus, J. C. (2005, October). *A model to evaluate team effectiveness*. Paper presented at the annual meeting of the Frontiers in Education Conference.
- Maller, S. J., Immekus, J. C., & Imbrie, P. K. (2005, October). *An examination of engineering students' profile membership over the freshmen year*. Paper presented at the annual meeting of the Frontiers in Education Conference.
- Immekus, J. C., Maller, S. J., & Imbrie, P. K. (2005, October). *An analysis of students' academic success and persistence using pre-college factors*. Paper presented at the annual meeting of the Frontiers in Education Conference.
- Maller, S. J., & Immekus, J. (2005, July). *Psychometric aspects of testing*. Paper presented at the annual meeting of the International Congress on the Education of the Deaf, Maastricht, The Netherlands.

- Imbrie, P. K., Maller, S. J., & Immekus, J. C. (2005, June). *Measuring effective teams*. Paper presented at the annual meeting of the Association of the Society of Engineering Education, Portland, OR.
- Immekus, J. C., Maller, S. J., Oakes, W. C., & Tracy, S. (2005, June). *Evaluating the outcomes of a service-learning based course in an engineering education program: Preliminary results of the assessment of the Engineering Projects in Community Service*. Paper presented at the annual meeting of the Association of the Society of Engineering Education, Portland, OR.
- Immekus, J. C., & Maller, S. J. (2005, April). *Measurement invariance of the Kaufman Adolescent and Adult Intelligence Test across male and female samples*. Poster presented at the annual meeting of the American Educational and Research Association, Montreal, Canada.
- Maller, S. J., French, B.F., Immekus, J. C., & Kush, J.C. (2004, October). *Bridging the gap between applied and methodological invariance research: Current practice and future directions*. Symposium presented at the annual meeting of the International Test Commission Conference, Williamsburg, VA.
- Maller, S. J., Immekus, J. C., & McDermott, P. A. (2004, April). *The comparison of deaf and core UNIT standardization sample profiles*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Immekus, J. C., Maller, S. J., & French, B. F. (2003, April). *TIMSS 1999 factor invariance across U.S. samples of males and females*. Poster presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- French, B. F., Immekus, J. C., & Oakes, W. C. (2002, April). *College student success and persistence: The role of intrinsic motivation and institutional integration*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- French, B. F., & Immekus, J. C. (2001, July). *Data reporting: Individual and aggregate reports*. Presentation presented at the Assessment and Instructional Management System (AIMS) conference, Indianapolis, IN.
- Immekus, J. C. (2001, July). *The Utility of the Assessment and Instructional Management Systems (AIMS) to assess student performance in the performing arts*. Presentation given at the Assessment and Instructional Management System (AIMS) rally, Indianapolis, IN.
- Immekus, J. C., & Ncube, L. (2001, July). *Practical considerations of the use of electronic portfolios in the classroom*. Presentation delivered at the Assessment and Instructional Management System (AIMS) rally, Indianapolis, IN.
- Immekus, J. C., & Lewandowski, B. (2001, February). *IASEP, EC, and DIAS: An innovative, electronic system to assess individual abilities*. Poster presented at the Teaching Learning Technologies 2001 Conference, Purdue University, West Lafayette, IN.
- Immekus, J. C., & Bennett, D. (2000, April). *Using the Assessment and Instructional Management Systems (AIMS) in the Arts*. Presentation delivered at the annual SCASS meeting, Washington, DC.

INVITED PRESENTATIONS

- Haynes, L., & Immekus, J. C. (2018, November). *Designing projects with partners*. Presentation at the Community Engaged Academy. University of Louisville, KY.
- Immekus, J. C., Snyder, K., & Ralston, P. (2018, November). *Multidimensional item response theory for factor structure assessment in educational psychology research*. Presentation provided at the GEARS at the University of Louisville, Louisville, KY.
- Immekus, J. C. (2018, April). *Survey use in transdisciplinary research: Selection, development, and psychometric properties*. Presentation at the Transdisciplinary Social Justice Research Consortium. Louisville, KY.
- Haynes, L., & Immekus, J. C. (2017, November). *Designing projects with partners*. Presentation at the Community Engaged Academy. University of Louisville, KY.
- Immekus, J. C., Osam, K., & Shuck, B. (2017, August). *Blue Survey to advance institutional research and initiatives*. Presentation at the annual Bluenotes Americas Conference. Louisville, KY.
- Immekus, J. C. (2016, March). *Navigating the logistical landscape of community engaged scholarship*. Presentation at the Community Engaged Academy. University of Louisville, KY.
- Smith, A., Immekus, J. C., Nicholson, L., Jones, R., & Wendel, M. (2015, February). *Engaging Metro Louisville for violence prevention*. Presentation at the Engaged Scholarship in Action: A Conversation across Disciplines for Community-Engaged UofL Scholars. University of Louisville, KY.
- Immekus, J. C. (2014, November). *Using data and inclusive policies with local initiatives to address the outcomes disparities of black men & boys*. Presentation at the annual Rumble, Young Man, Rumble IV Conference, Louisville, KY.
- Immekus, J. C. (2012, March). *Implementation fidelity of school-wide positive behavior supports: An investigation of the CA Central Valley regional data*. Presentation at the CalSTAT Regional Institute, Fresno, CA.
- Hart, S., & Immekus, J. C. (2011, November). *Measuring literacy motivation of Latino English Learners using the MRQ*. Presentation at the First Annual DPELFS Faculty Research Colloquium, Fresno, CA.
- Immekus, J. C., Ayala, D., Castaneda, R., & Law, K. (2011, November). *Establishing a regional research agenda on the implementation of Positive behavior supports across CA Central Valley schools*. Presentation at the First Annual DPELFS Faculty Research Colloquium, Fresno, CA.
- Immekus, J. C. (2011, November). *Interim test score use in educational decision-making: Conceptualizing the issue and directions for action*. Presentation at the First Annual DPELFS Faculty Research Colloquium, Fresno, CA.
- González, J. C., & Immekus, J., & Joubert, C. (2011, October). *Boys & Men of Color Policy Form*. Presentation to the Fresno County Interagency Council for Children & Families, Fresno CA.
- González, J. C., Immekus, J., & Kelley, K. (2011, April). *Fresno County boys and men of color policy forum*. Sponsored by the California Endowment and Kaiser Permanente. Fresno, CA.

- González, J. C., & Immekus, J. C. (2011, April). *Latino male youth in Central California's public schools: Ways in which they experience successes and challenges*. Paper presented at the annual California Association of Latino Superintendents and Administrators conference, Fresno, CA.
- Immekus, J. C. (2011, March). *Multidimensional Item Response Theory in Educational & Psychological Research*. Presentation to the Psychological Sciences Research Colloquium at the University of California, Merced, CA.
- González, J. C., Immekus, J., Joubert, C., González, A., & Xiong, S. (2010, December). *A qualitative study of Latino youth in central California: Urban and rural experiences*. Fresno, CA: California State University, Fresno.

WORKSHOPS

- Joubert, C., Immekus, J. C., González, J. C., & Reynolds, P. (2013, October). *Kidsdata.org workshop: Using data for organizational decision-making and policy advocacy*. Workshop conducted at California State University, Fresno.
- Joubert, C., Immekus, J. C., González, J. C., & Reynolds, P. (2013, August). *Kidsdata.org workshop: Using data for organizational decision-making and policy advocacy*. Workshop conducted at California State University, Fresno.
- Greenlaw, C., & Immekus, J. C. (2012, December). *Performance-Based Assessments*. Workshop conducted at Fresno County Office of Education, Fresno, CA.
- Immekus, J. C. (2011, February). *Data Analysis using SPSS*. Workshop conducted at California State University Fresno, Fresno, CA.
- Immekus, J. C. (2010, February). *Data Analysis using SPSS*. Workshop conducted at California State University Fresno, Fresno, CA.
- Immekus, J. C. (2010, August). *Developing interim assessments for student learning*. Workshop conducted at Wilson Elementary, Dinuba, CA.
- Immekus, J. C. (2008, February). *Data analytic procedures using SPSS (Part I)*. Workshop conducted at California State University, Fresno.
- Immekus, J. C. (2008, March). *Data analytic procedures using SPSS (Part II)*. Workshop conducted at California State University, Fresno.
- Immekus, J. C., & French, B. F. (2004, October). *Psychometrics in engineering education: Evaluating test score reliability and validity*. Workshop conducted at the annual Frontiers in Education Conference, Savannah, GA, W3B.

TEACHING

University of Louisville
College of Education & Human Development

Masters-Level Courses

ELFH 600: Educational Research & Statistics*

Doctoral-Level Courses

ELFH 601: Applied Statistics*

ELFH 602: Survey Research & Attitude Measurement*
 ELFH 606: Program Evaluation*
 ELFH 701: Intermediate Statistics*
 ELFH 702: Applied Multiple Regression*
 ELFH 703: Multivariate Statistics*
 ECPY 740: Scale Development*

California State University, Fresno
 Kremen School of Education & Human Development

Masters-Level Courses

CI 245: Investigating Practice in the Multicultural Classroom: Practitioner Research (Online)*
 ERA 243: Research on Teaching in the Multicultural Classroom: Quantitative & Qualitative Methods (Online)*
 ERA 288: Measurement & Program Evaluation*
 ERA 288: Measurement & Program Evaluation (Online)*
 ERA 220: Research in Education*
 ERA 220: Research in Education (Online)*
 ERA 153: Educational Statistics*

Doctoral-Level Courses

EDL 209: Advanced Research and Measurement (Online)*
 EDL 280T: Educational Measurement in Leadership Decision-Making*
 EDL 280T: Data-Driven Decision Making*

* Denotes developed course

Alliant International University

Doctoral-Level Course

FOR 8110: Test Construction and Development

Purdue University, West Lafayette, IN
 Department of Educational Studies

Masters & Doctoral-Level Courses

EDPS 533: Introduction to Educational Research: Methodology I
 EDPS 637: Data Analytic Procedures for Applied Research
 EDPS 632A: Data Analytic Procedures for Applied Research
 EDPS 533: Introduction to Educational Research I: Methodology

Undergraduate Level

EDPS 364: Practicum in Special Education Assessment
 EDPS 230: Introduction to Educational Psychology

SERVICE

University of Louisville

College of Education & Human Development

2017-Present College of Education & Human Development Personnel Committee
 2015-2018 School of Interdisciplinary & Graduate Studies, Community Engagement
 Academy

2014-Present	Graduate Student Academic Grievance Committee
2014-Present	Planning & Budget Committee
2017-Present	College of Education & Human Development Personnel Committee
2016-2018	Department Personnel Committee (Chair)
2015-2016	College of Education & Human Development Personnel Committee (At-Large)

*California State University, Fresno
University*

2013-2014	McNair Faculty Mentor Student: Naroht Than
2013-2014	McNair Faculty Mentor Student: Jannet Castaneda
2013-2013	McNair Faculty Mentor Student: Ana Maravilla
2009 – 2010	McNair Faculty Mentor Student: Rocio Luna
2013-2014	Fresno State Institution Review Board (IRB) Committee
2009-2011	Committee on Undergraduate Research
2008	Honorary Degree Ad Hoc Awards Committee

School of Education

2010 – 2014	Dandoy Professional Development Committee
2013 – 2014	Kremen School of Education & Human Development Faculty Assembly Role: Vice-President
2009 - 2010	Coordinating Council Committee
2010 - 2012	Strategic Planning Committee
2009 - 2010	Executive Committee
2009	Green Committee
2008 - 2009	Publications Committee
2009 - 2010	Kremen School of Education & Human Development Faculty Assembly Role: President
2008-2009	Kremen School of Education & Human Development Faculty Assembly Role: Vice-President
2007 - 2009	Technology Committee
2007 - 2009	Development Committee

Regional & State

2015-2016	Russell Neighborhood Education Task Force Committee, Louisville, KY
2011-present	California Technical Assistance Center on Positive Behavioral Interventions & Support Role: Research Associate
2009 - 2011	California Teacher Performance Assessment User's Advisory Group Role: Panel Member
2003	Alternate Assessment Subcommittee, Indiana Department of Education, IN
2002	Test Administrator for New Community School, West Lafayette, IN

2000-2002 <i>National</i>	Teacher Trainer for Documentation of Indiana's Academic Standards Project
2016-present	American Educational Research Association, Division D Mentoring Committee
2016-present 2012	National Council on Measurement in Education Outreach Committee Mental Measurement Yearbook Test Review, Buros Center for Testing Role: Test Reviewer
2007-present	National Council on Measurement in Education Role: Proposal Reviewer
2002-present	American Educational Research Association Role: Proposal Reviewer
2003-2007	Frontiers in Education Conference Role: Proposal Reviewer

EDITORIAL BOARD MEMBER

Frontiers in Psychology – Quantitative Psychology & Measurement, Specialty Co-Chief Editor (2014-present)
Journal of Psychoeducational Assessment (2016-present)
European Association of Psychological Assessment (2017-present)
Journal of School Leadership (2014-present)
Journal of Articles in Support of the Null Hypothesis (2002-present)
Educational Renaissance Journal (2011-2013)

EDITORIAL AD HOC REVIEWER

Advances in Engineering Education
Applied Psychological Measurement
Asia Pacific Education Review
Educational Assessment
International Journal of Quantitative Research in Education
International Journal of Testing
Journal of Education for Students Placed at Risk
Journal of Psychiatric Research
Journal of Psychoeducational Assessment
Journal of School Psychology
Language Testing
Learning & Individual Differences
Multivariate Behavioral Research
Psychological Reports
Quality of Life Research

PROFESSIONAL AFFILIATIONS

American Educational Research Association
National Council on Measurement in Education