

Curriculum Vita
Louis M. Rocconi, Ph.D.

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EDUCATION

- 2010 Ph.D., Educational Psychology & Research, University of Memphis
 Concentration: Educational Research (Quantitative Methods)
- 2007 M.S., Leadership & Policy Studies, University of Memphis
 Concentration: Higher Education
- 2005 B.S., Mathematics, Delta State University, Cleveland, MS

PROFESSIONAL EXPERIENCE

- 2016-Present Assistant Professor, Evaluation, Statistics, and Measurement;
 Intercollegiate Graduate Statistics Program Faculty;
 The University of Tennessee Knoxville
- 2011 – 2016 Assistant Research Scientist, Center for Postsecondary Research,
 Indiana University
- 2010 - 2011 Post-Doctoral Research Fellow, University of Memphis Office of
 the Vice Provost Academic Programs & Assessment
- 2008 - 2010 Research Assistant: Vice Provost Academic Programs &
 Assessment, University of Memphis

PUBLICATIONS

(* indicates student co-author)

Refereed Articles

Miller, A., Rocconi, L.M., & Dumford, A.D. (in press). Focus on the finish line: High-impact practices, career plans, and job attainment. *Higher Education*. DOI 10.1007/s10734-017-0151-z

*Zilvinski, J., & Rocconi, L. M. (in press). Revisiting the relationship between institutional rank and student engagement. *The Review of Higher Education*.

*Zilvinskis, J., & Rocconi, L.M. (2017). Utilizing survey research and multilevel modeling to explore the relationship between institutional rank and student engagement. *SAGE Research Methods Cases*. <http://dx.doi.org/10.4135/9781473969759>

- Rocconi, L.M., Ribera, A., & Nelson Laird, T. (2015). College seniors' plans for graduate school: Do deep approaches to learning and Holland academic environments matter? *Research in Higher Education*, 56(2), 178-201. [Winner of the 2014 Charles F. Elton Best Paper Award from the Association for Institutional Research]
- Dumford, A., & Rocconi, L. M. (2015). Development of the quantitative reasoning items on the National Survey of Student Engagement. *Numeracy*, 8(1), Article 5. <http://dx.doi.org/10.5038/1936-4660.8.1.5>
- Rocconi, L. M. (2013). Analyzing multilevel data: Comparing findings from hierarchical linear modeling and ordinary least squares regression. *Higher Education*, 66(4), 439-461. <http://link.springer.com/article/10.1007/s10734-013-9615-y>
- Rocconi, L. M., Lambert, A. D., McCormick, A. C., & Sarraf, S. A. (2013). Making college count: An examination of quantitative reasoning activities in higher education. *Numeracy*, 6(2), Article 10. <http://scholarcommons.usf.edu/numeracy/vol6/iss2/art10>
- Rocconi, L. M. (2011). The impact of learning communities on first year students' growth and development in college. *Research in Higher Education*, 52(2), 178-193.
- Rocconi, L. M. (2010). An application of Pace's model of student development and college impress on learning community students. *American Journal of Educational Studies*, 3(1), 39-51.
- Rocconi, L. M., & Ethington, C. A. (2009). Assessing longitudinal change: Adjustment for regression to the mean effects. *Research in Higher Education*, 50(4), 368-376.
- Smart, J. C., Ethington, C. A., Umbach, P. D., & Rocconi, L. M. (2009). Faculty emphases on alternative course-specific learning outcomes in Holland's model environments: The role of environmental consistency. *Research in Higher Education*, 50(5), 483-501.

N=11

Other Publications (e.g., Book Chapters, Legal Journals)

- Cole, J., Gonyea, R., & Rocconi, L. (in press). Student engagement and retention. In R. Feldman (Ed.), *The First Year of College: Research, Theory, and Practice on Improving the Student Experience and Increasing Retention*. Cambridge, UK: Cambridge University Press.
- Miller, A. L., Sarraf, S. A., Dumford, A. D., & Rocconi, L. M. (2016). *Construct validity of NSSE engagement indicators*. Bloomington, IN: Center for Postsecondary Research. http://nsse.indiana.edu/pdf/psychometric_portfolio/Validity_ConstructValidity_FactorAnalysis_2013.pdf
- Taylor, A.N., Christensen, C., & Rocconi, L.M. (2016). *How a decade of debt changed the law*

school experience (LSSSE Annual Results 2015). Bloomington, IN: Indiana University Center for Postsecondary Research.

Silver, C., & Rocconi, L. M. (2015). Learning from and about the numbers. *Journal of Legal Metrics*, 4(1), 53-84. <http://www.journaloflegalmetrics.org/V4I1/V4I1Full.pdf>

Silver, C., Rocconi, L. M., Haeger, H., & Watkins, L. (2013). Gaining from the system: Lessons from the Law School Survey of Student Engagement about how students benefit from law school. *University of St. Thomas Law Journal*, 10(1), 286-316.

Pike, G. R., & Rocconi, L. M. (2012). Multilevel modeling: Presenting and publishing the results for internal and external constituents. In Lott, J. L. & J. S. Antony. (Eds.), *Multilevel modeling: Techniques and applications in institutional research* (New Directions for Institutional Research, no.154, pp. 111-124). San Francisco: Jossey-Bass.

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Grants and Contracts

Morrow, J. A. (PI), Rocconi, L.M. (Co-PI), Skolits, G. (Co-PI), & Moret, L. (Co-PI). University of Tennessee Undergraduate Advising Assessment Project. (Dr. Ruth Darling, Asst. Provost – Client). January 2017 – June 2017. \$4,500.

N=1 (\$4,500)

Evaluation and Grant Reports

Rocconi, L. M, Morrow, J. A., Ladd, R. Nadel, S. (2017). *University of Tennessee's Undergraduate Advising Perceptions Report*. Report. For Ruth Darling, Asst. Provost, University of Tennessee Office of Student Success, (no project #, 47 tables, 1 figure, 1 appendix, 96 pages).

Echols, E., Gibson, T., Kidder, K., Parlier, R., Morrow, J., & Rocconi, L. (2017). *University of Tennessee's Undergraduate Advising Perceptions Brief Report*. For Ruth Darling, Asst. Provost, University of Tennessee Office of Student Success (no project #, 9 tables, 1 figure, 35 pages).

McCormick, A., Nelson Laird, T., Kinzie, J., Dumford, A., & Rocconi, L. (2017). *Assessing Change in Undergraduate STEM Education by Field of Study, 2005-2012*. Report prepared for the Association of American Colleges and Universities (no project #, 10 tables, 20 figures, 37 pages).

[NSSE and LSSSE annual reports are published without named authors, but I contributed to the data analysis and write-up of specific sections indicated below]

National Survey of Student Engagement. (2015). *Engagement Insights – Annual Results 2015*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Motivating students to do their best work]

- National Survey of Student Engagement. (2014). *Bringing the Institution into Focus – Annual Results 2014*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Examining differences between institutions & Selectivity and experiences with faculty]
- Law School Survey of Student Engagement. (2014). *Looking Ahead: Assessment in Legal Education – Annual Results 2014*. Bloomington, IN: Indiana University Center for Postsecondary Research. [First generation students & Law school environment]
- National Survey of Student Engagement. (2013). *A Fresh Look at Student Engagement – Annual Results 2013*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Learning strategies & Quantitative reasoning]
- Law School Survey of Student Engagement. (2013). *Evaluating the Value of Law School: Student Perspectives – Annual Results 2013*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Engagement with the profession]
- National Survey of Student Engagement. (2012). *Promoting Student Learning and Institutional Improvement: Lessons from NSSE at 13*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Study time by student and institutional characteristics]
- Law School Survey of Student Engagement. (2012). *Lessons from Law Students on Legal Education – Annual Results 2012*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Connecting with classmates]
- National Survey of Student Engagement. (2011). *Fostering Student Engagement Campuswide – Annual Results 2011*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Career services]
- Law School Survey of Student Engagement. (2011). *Looking Ahead: Assessment in Legal Education – Annual Results 2011*. Bloomington, IN: Indiana University Center for Postsecondary Research. [Experiencing law school as a transfer student]

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HONORS & AWARDS

- 2017 SGA Open Education Award from the University of Tennessee Student Government Association and the University Libraries.
- 2014 Charles F. Elton Best Paper Award from the Association for Institutional Research
- Finalist for the 2010 AERA Division J Dissertation of the Year Award
- 2008 - 2009 Outstanding Graduate Student in Educational Research Award
- First place, 2009 University of Memphis Student Research Forum

CONFERENCE PRESENTATIONS AND PAPERS

- Rocconi, L. M. & Morrow, J. A. (2017, November). *Using Propensity Score Matching*

- Techniques to Assess the Effectiveness of Educational Programs: A Simple How-to-Guide for Assessment and Evaluation Professionals*. Presentation at the American Evaluation Association National Conference, Washington, D.C.
- Rocconi, L. M., Morrow, J. A., & Marlow Ormsby, S. (2017, June). *Utilizing propensity score matching: A practical guide for student affairs assessment professional*. Presentation at the Association for the Assessment of Learning in Higher Education Conference in Louisville, KY.
- Rocconi, L. M., Liu, X., & Pike, G. R. (2017, April). *Holland's Theory and the Impact of Person-environment Fit on Grades, Perceived Gains, and Satisfaction*. Presentation at the American Educational Research Association Conference (Division J) in San Antonio, TX.
- Gonyea, R., Cole, J., & Rocconi, L. (2016, May). *Direct and indirect effects of engagement on grades*. Poster presentation at the 2016 Association for Institutional Research in New Orleans, LA.
- Dumford, A., Kinzie, K., McCormick, A., Nelson Laird, T., & Rocconi, L.M. (2015, November). *Reforming STEM education: Examining change by discipline*. Paper presented at the 2015 Association of American Colleges & Universities Transforming STEM Education Conference in Seattle, WA.
- Miller, A., Rocconi, L.M., & Dumford, A. (2015, November). *Focusing on the finish line: Does high-impact practice participation influence career plans and job attainment?* Paper presented at the 2015 Association for the Study of Higher Education Conference in Denver, CO.
- Rocconi, L. M., & Gonyea, R. (2015, May). *Contextualizing student engagement effect sizes: An empirical analysis*. Paper presentation at the Association for Institutional Research Conference in Denver, CO.
- *Zilvinskis, J., & Rocconi, L. M. (2015, April). *Revisiting the relationship between institutional rank and student engagement*. Paper presented at the 2015 American Educational Research Association Conference (Division J) in Chicago, IL.
- Christensen, C., Rocconi, L. M., & Taylor, A. (2015, April). *Beginning the conversation: First-generation law students*. Paper presented at the 2015 American Educational Research Association Conference (Division I) in Chicago, IL.
- Rocconi, L. M., & Gonyea, R. (2015, March). *Contextualizing student engagement effect sizes: An empirical analysis*. Paper presentation at the Indiana Association for Institutional Research Conference in Indianapolis, IN.
- Dumford, A. D., Kinzie, J., McCormick, A. C., Nelson Laird, T. F., & Rocconi, L.M. (2015, January). *Reforming STEM education: Examining change by discipline*. AAC&U 2015 Annual Meeting in Washington, D. C.

- Silver, C., & Rocconi, L. M. (2014, November). *Learning from-- and about—the numbers*. Presentation at the Law School Survey of Student Engagement Symposium in St. Louis, MO.
- Silver, C. & Rocconi, L. M. (2014, July). *Law schools' obligation to teach business and financial concepts and quantitative analysis: Taking aim at preparing competent lawyers*. Presentation at the 2014 International Legal Ethics Conference VI in London, England.
- Rocconi, L. M., Ribera, A., & Nelson Laird, T. F. (2014, May). *The impact of deep learning and academic discipline on degree aspirations*. Poster presentation at the 2014 Association for Institutional Research Conference in Orlando, FL.
- Rocconi, L.M., & Lambert, A. D. (2014, May). *Quantitative reasoning: If faculty emphasize it, students will do it*. Poster presentation at the 2014 Association for institutional Research Conference in Orlando, FL.
- Haeger, H., Rocconi, L.M., *Zilvinskis, J., & Christensen, C. (2014, April). *Beyond the numbers: How to create a diverse environment in law school*. Paper presented at the 2014 American Educational Research Association Conference (Division I) in Philadelphia, PA.
- Rocconi, L. M., Ribera, A., & Nelson Laird, T. F. (2014, April). *College seniors' plans for graduate school: Do deep approaches to learning and Holland academic environments matter?* Paper presented at the 2014 American Educational Research Association Conference (Division J) in Philadelphia, PA.
- Lambert, A. D., & Rocconi, L. M. (2013, November). *Quantitative reasoning activities: What faculty emphasize and how student take action*. Presentation at the 2013 joint meeting of the Association of American Colleges and Universities Transforming STEM Education Conference and the National Numeracy Network Conference in San Diego, CA.
- Rocconi, L. M., & Lambert, A. D. (2013, November). *Development of the quantitative reasoning items on the National Survey of Student Engagement*. Poster presentation at the 2013 joint meeting of the Association of American Colleges and Universities Transforming STEM Education Conference and the National Numeracy Network Conference in San Diego, CA.
- Rocconi, L. R., & Kinzie, J. (2013, October). *NSSE engagement indicators: A conversation about transition and use*. Presentation at the 2013 Southern Association for Institutional Research Conference in Memphis, TN.
- Ribera, A., Rocconi, L. M., & Nelson Laird, T. F. (2013, May). *Degree aspirations and deep approaches to learning*. Poster presentation at the 2013 Association for Institutional Research Conference in Long Beach, CA.
- Ribera, A., Rocconi, L. M., & McCormick, A. C. (2013, April). *Students in the professional fields: Exploring the impact of institutional characteristics on time spent preparing for*

- class*. Paper presented at the 2013 American Educational Research Association Conference in San Francisco, CA.
- Rocconi, L. M., Haeger, H., Watkins, L. P., & Silver, C. (2012, November). *An examination of students' personal and academic development in law school*. Paper presented at the 2012 Association for the Study of Higher Education Conference in Las Vegas, NV.
- Lambert, A. D., Rocconi, L. M., McCormick, A. C., & Sarraf, S. A. (2012, November). *Faculty emphasis on quantitative reasoning in the classroom*. Paper presented at the 2012 Association for the Study of Higher Education Conference in Las Vegas, NV.
- Haeger, H., Rocconi, L. M., Watkins, L. P., & Silver, C. (2012, November). *Helping law students become lawyers: Understanding career preparation and support for law students*. Paper presented at the 2012 Association for the Study of Higher Education Conference in Las Vegas, NV.
- Rocconi, L. M., Lambert, A. D., Sarraf, S. A., & McCormick, A. C. (2012, October). *Count me in: Exploring the relationship between quantitative reasoning and civic engagement*. Paper presented at the 2012 National Numeracy Network Conference, New York, NY.
- Silver, C., Watkins, L., Rocconi, L., & Haeger, H. (2012, September). *Gaining from the system: Lessons from the Law School Survey of Student Engagement on the self-reported gains of law students*. Paper presented at the St. Thomas Law Symposium, Minneapolis, MN.
- Rocconi, L. M., Lambert, A. D., Sarraf, S. A., & McCormick, A. C. (2012, June). *Playing with numbers: An examination of quantitative reasoning activities in college*. Paper presented at the 2012 Association for Institutional Research Conference, New Orleans, LA.
- Lambert, A. D., Rocconi, L. M., Ribera, A. K., Miller, A. L., & *Dong, Y. (2012, June). *Faculty lend a helping hand to student success: Measuring student-faculty interactions*. Paper presented at the 2012 Association for Institutional Research Conference, New Orleans, LA.
- Cole, J. S., Rocconi, L. M., & Gonyea, R. M. (2012, June). *Accuracy of self-reported grades: Implications for research*. Paper presented at the 2012 Association for Institutional Research Conference, New Orleans, LA.
- Rocconi, L. M. (2012, April). *An examination of college seniors' self-reported critical thinking ability: A three-level hierarchical linear model*. Paper presented at the 2012 American Educational Research Association Conference, Vancouver, BC.
- Rocconi, L. M. (2011, June). *A comparison of parameter estimates of hierarchical linear modeling and ordinary least squares regression*. Paper presented at the 2011 Association for Institutional Research Conference, Toronto, Canada.
- Rocconi, L. M. (2010, May). *The impact of learning communities on first year freshmen's growth and development in college*. Paper presented at the 2010 Association for Institutional Research Conference, Chicago, IL.

- Rocconi, L. M., & Ethington, C. A. (2010, April). *Ethnic differences in the impact of quality of effort on community college students' growth and development*. Paper presented at the 2010 American Educational Research Association Conference, Denver, CO.
- Serex, C. P., Rocconi, L. M., & Averitt, E. R. (2009, November). *Current research: Collaborative learning, student engagement, and learning communities*. Paper presentation at National Learning Communities Conference, Marietta, GA.
- Rocconi, L. M. (2009, April). *An application of Pace's model of student development and college impress on learning community students*. Paper presented at the American Institute for Higher Education Conference, Nashville, TN.
- Rocconi, L. M. (2009, March). *Learning community students' growth and development*. Poster presented at the University of Memphis Student Research Forum, Memphis, TN. (Awarded first place).
- Rocconi, L. M. (2008, August). *A path analytic approach to faculty salary equity*. Paper presented at the Tennessee Association for Institutional Research Conference, Nashville, TN.
- Rocconi, L. M., & Ethington, C. A. (2008, November). *Assessing longitudinal change: Adjustment for regression to the mean effects*. Paper presented at the Association for the Study of Higher Education Conference, Jacksonville, FL.
- Rocconi, L. M. (2007, March). *An examination of faculty reward structures at research universities and liberal arts colleges*. Poster presented at the University of Memphis Student Research Forum, Memphis, TN.
- Smart, J. C., Ethington, C. A., Umbach, P. D., & Rocconi, L. M. (2007, November). *Faculty emphases on alternative course-specific learning outcomes in Holland's model environments: The role of environmental consistency*. Paper presented at the Association for the Study of Higher Education Conference, Louisville, KY.

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OTHER PRESENTATIONS, WEBINARS & WORKSHOPS

- Rocconi, L. M. (2017, March). *Power and Effect Size*. Invited lecture for Counseling Education Seminar at the University of Tennessee.
- Rocconi, L. M. & Gonyea, R. (2015, June). *Moving beyond statistical significance: Using effect sizes in NSSE*. Webinar recorded June 23, 2015 available <http://nsse.indiana.edu/webinars/>
- Cole, J., & Rocconi, L. M. (2015, April). *Using BCSSE and NSSE to help retention efforts*. Presentation at the 2015 NSSE User Workshop: Bucknell University, Lewisburg, PA.
- Rocconi, L.M., & BrckaLorenz, A. (2015, April). *Approaches to longitudinal analysis*. Presentation at the 2015 NSSE User Workshop: Bucknell University, Lewisburg, PA.
- Gonyea, R. M., & Rocconi, L. M. (2015, April). *Opening session – Designed for veteran NSSE*

users. Presentation at the 2015 NSSE User Workshop: Bucknell University, Lewisburg, PA.

Crumpley, J., & Rocconi, L. M. (2014, September). *Pre-institute session: Data Forum*. Student Success Institute: Engaging Latino Students for Transfer and College Completion in San Antonio, TX.

Rocconi, L. M., & Lamber, A. D. (2012, March). *NSSE 2.0: An opportunity to contribute*. Special interest group presentation at the 26th Annual Conference of the Indiana Association for Institutional Research Conference, West Lafayette, IN.

Lambert, A. D., & Rocconi, L. M. (2012, March). *Utilizing SPSS macros to save time in institutional research*. Workshop presented at the 26th Annual Conference of the Indiana Association for Institutional Research Conference, West Lafayette, IN.

Rocconi, L. M. (2011, October). *Student engagement in Tennessee*. Presentation for the Tennessee Higher Education Commission, Nashville, TN.

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MEDIA CONTRIBUTIONS

Chronicle Staff. (2015, April 17). A college's high ranking often means less time with professors. *The Chronicle of Higher Education*.

Krisnauli, K., & Osler, C. (2015, April 22). College ranking and student-faculty interaction negatively related, paper finds. *The Daily Free Press*.

Nelson, L. (2015, April 23). A high US News ranking doesn't mean a college is actually good. *Vox*.

Elliott, M. (2015, May 5). Why You Should Never Rely on College Rankings. *The Cheat Sheet*.

ADDITIONAL TRAININGS

New Faculty Teaching Institute, Tennessee Teaching and Learning Center (UT), August 2016

IRB 101, Office of Research and Engagement (UT), August 2016

Computing for Data Analysis (R Programming), Coursera, February 2014

TEACHING EXPERIENCE

Graduate Courses

The University of Tennessee

Statistics in Applied Fields I, Fall 2016, Spring 2017, Fall 2017

Multilevel Modeling, Spring 2016

Applied Statistical Concepts, Fall 2017

Indiana University

Intermediate Statistics Applied to Education, Fall 2014

University of Memphis

Statistical Methods Applied to Education II, Summer 2011, Spring 2011

Statistical Methods Applied to Education I, Fall 2009

Introduction to Educational Research, Summer 2009

Undergraduate Courses*University of Memphis*

Fundamentals of Applied Statistical Methods, Spring 2010, Spring 2008, Fall 2008

DISSERTATION COMMITTEES*The University of Tennessee*

2017-Present Andrew Bass, Sports Psychology & Motor Behavior

2017-Present Terry Gibson, Evaluation Statistics & Measurement

2017-Present Sarah Nadel, Evaluation Statistics & Measurement

2017-Present Paul Kirkland, Evaluation Statistics & Measurement

Indiana University

2015-2017 Bo Young Choi, *Factors Affecting Private Colleges' Viability in Korea*,
Dissertation Committee Member (methods advisor: event history analysis)

PROFESSIONAL SERVICE

2016-Present Editorial board member *Review of Higher Education*
 2014-2017 Editorial board member *Journal of College Student Development*
 2015-Present Ad-hoc reviewer for *Higher Education*
 2014-Present Ad-hoc reviewer for *Numeracy*
 2017 Ad-hoc reviewer for *Adult Education Quarterly*
 2010, 2016 Ad-hoc reviewer for *Research in Higher Education*
 2016 Ad-hoc reviewer for *Journal of Research in STEM Education*
 2014-2015 Ad-hoc reviewer for *Review of Higher Education*
 2010-2014 Ad-hoc reviewer for *Journal of College Student Development*

UNIVERSITY SERVICE*University of Tennessee*

2016-2017 Member Evaluation, Statistics, and Measurement program committee

Indiana University

2015 Chaired search committee for Center for Postsecondary Research director

2015 Bloomington faculty council parking appeals committee

2013 – 2014 Bloomington faculty council student affairs committee

University of Memphis

2008 – 2011 Fresh Connections learning community administration committee
2008 – 2011 Fresh Connections learning community assessment committee
2009 Student representative on the qualitative faculty search committee for the Department of Counseling, Educational Psychology and Research

PROFESSIONAL SOCIETIES

American Educational Research Association (Division D and Division J)
American Evaluation Association
Association for Institutional Research
Association for the Study of Higher Education
National Numeracy Network

DATA MANAGEMENT AND ANALYSIS SOFTWARE

SPSS	STATA	R
HLM	Microsoft Excel	Microsoft Access
GPower	SAS	LISREL