

Matthew D. Lovelace, Ph.D.

Curriculum Vitae

Director of Research
Office of Research & Evaluation
Gwinnett County Public Schools
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Education

Ph.D.	Educational Psychology Emphasis: <i>School Psychology</i> Minor: <i>Quantitative Methodology</i> Dissertation: <i>Longitudinal characteristics and incremental validity of the Student Engagement Instrument (SEI)</i>	University of Georgia	2013
M.A.	Educational Psychology Thesis: <i>The student engagement instrument: Reliability and fit with at-risk youth and association with disengagement, dropout, achievement, and extracurricular activity.</i>	University of Georgia	2010
B.A.	Psychology	University of Tennessee-Knoxville	2003

Professional Experience

Jan 2017 – present	Director of Research Office of Research & Evaluation, Gwinnett County Public Schools, Georgia <i>Supervise the research team; manage the development and production of the district's Results-Based Evaluation System, including context-based metrics, evaluations, reports, and visualizations for a system composed of roughly 130 schools and 180,000 K-12 students.</i>
Nov 2012 – Dec 2016	Coordinator of Research & Evaluation Office of Research & Evaluation, Gwinnett County Public Schools, Georgia <i>Provided research support for the district's early warning system; conducted evaluations of educational programs; managed a variety of annual accountability and reporting projects.</i>
Aug 2012 – Dec 2012	Research Assistant for NSF Study Division of Biological Sciences, University of Georgia <i>Hired by Dr. Marguerite Brickman in the Department of Plant Biology to conduct statistical analyses for an NSF funded (\$192,258) study aimed at improving undergraduates' functional science literacy skills.</i>
Aug 2011 – Nov 2012	School Psychology Intern Franklin County Schools, Georgia <i>Conducted psychoeducational evaluations; led multidisciplinary team meetings; developed academic and behavioral interventions; provided system-level data-based support to district leaders.</i>

- Aug 2010 – **TA Programs Graduate Assistant**
 Jul 2012 Center for Teaching & Learning, University of Georgia
Led orientation sessions for beginning TAs; helped coordinate the Future Faculty Program; led academic portfolio workshops for graduate students; presented in graduate teacher training courses.
- Aug 2007 - **Instructor of Record**
 May 2012 University of Georgia
Taught undergraduate courses for the College of Education and for the Center for Continuing Education, as well as a graduate teaching seminar course for the Center for Teaching & Learning.
- Jul 2005 – **Special Education Teacher**
 Jun 2007 Wediko School, New Hampshire
Taught a variety of subjects in a residential treatment center for boys with severe social-emotional and behavioral disorders; developed and managed students' Individual Education Plans; supervised assistant teachers; applied behavior intervention strategies to help students in crisis.

Publications

Peer-Reviewed Journal Articles

- Lovelace, M. D., Reschly, A. L., & Appleton, J. J. (2017). Beyond school records: The value of cognitive and affective engagement in predicting dropout and on-time graduation. *Professional School Counseling, 21*, 70–84. doi: 10.5330/1096-2409-21.1.70
- Lovelace, M. D., Reschly, A. L., Appleton, J. J., & Lutz, M. E. (2014). Concurrent and predictive validity of the Student Engagement Instrument. *Journal of Psychoeducational Assessment, 32*, 509–520. doi: 10.1177/0734282914527548
- Lovelace, M., & Brickman, P. (2013). Best practices for measuring students' attitudes toward learning science. *CBE—Life Sciences Education, 12*, 606–617. doi: 10.1187/cbe.12-11-0197
- Larson, L. R., & Lovelace, M. D. (2013). Evaluating the efficacy of questioning strategies in lecture-based classroom environments: Are we asking the right questions? *Journal of Excellence in College Teaching, 24*, 105–122.
- Carter, C. P., Reschly, A. L., Lovelace, M. D., Appleton, J. J., & Thompson, D. (2012). Measuring student engagement among elementary students: Pilot of the Student Engagement Instrument—Elementary Version. *School Psychology Quarterly, 27*, 61–73.
- Hurt, N. E., Moss, G. S., Bradley, C. L., Larson, L. R., Lovelace, M., Prevost, L. B., Riley, N., Domizi, D., & Camus, M. S. (2012). The 'Facebook' effect: College students' perceptions of online discussions in the age of social networking. *International Journal for the Scholarship of Teaching and Learning, 6*(2), 1–24. doi: 10.20429/ijsofl.2012.060210

Reports/Briefs/Technical Reports

Reschly, A.L. & Lovelace, M. (2011). Promoting student engagement to enhance school completion: Information and strategies for educators. In A.S. Canter, L.Z. Paige, & S. Shaw (Eds.) *Helping children at home and at school III: Handouts for families and educators*. Bethesda, MD: National Association of School Psychologists.

Manuscripts Under Review

O'Donnell, K. C., Lovelace, M. D., Reschly, A. L., & Appleton, J. J. Longitudinal trajectories of student engagement: Predicting high school graduation and college attendance.

Conference Presentations

National/International

Lovelace, M. D., Reschly, A. L., & Appleton, J. J. (February, 2012). Is there added value in measuring cognitive and affective engagement? Paper presented at the annual meeting of the National Association of School Psychologists, Philadelphia, PA.

Lovelace, M. D., Betts, J., Appleton, J. J., & Reschly, A. L (February, 2011). The longitudinal stability and factorial invariance of the Student Engagement Instrument. Paper presented at the annual meeting of the National Association of School Psychologists, San Francisco, CA.

Lovelace, M. D., Reschly, A. L., & Appleton, J. J. (March, 2010). Validating an engagement measure on student populations at risk of dropout. Poster presented at the annual meeting of the National Association of School Psychologists, Chicago, IL.

Editorial Experience

Editorial Board Member

Oct 2019 – present School Psychology Review

Teaching Experience

Undergraduate Courses

EPSY 2130 – Exploring Learning & Teaching	Fall and Spring terms, 2007-08, 2008-09, & 2009-10	College of Education, University of Georgia
<i>Introductory educational psychology course with an emphasis on key research, concepts, and theory relevant to human learning.</i>		

EPSY 3010 – Child & Adolescent Development for Education	June 2009 – May 2010 (online course)	University of Georgia Center for Continuing Education
<i>Online educational psychology course on human development from infancy through early adulthood, with a particular emphasis on topics relevant to education.</i>		

Graduate Courses

GRSC 7770 – Graduate Teaching Seminar Spring 2011, Fall 2011 Center for Teaching & Learning,
University of Georgia
Course for beginning TAs on effective approaches for university-level instruction.

Workshops

Working with R/RStudio Jul 2019 – present Gwinnett County Public Schools
Bi-weekly workshop of R/RStudio programming trainings, with an emphasis on learning tidyverse packages (e.g., dplyr, tidyr, stringr, lubridate), using RStudio projects to improve workflow efficient, and coding for transparency and reproducibility.

Teaching Portfolio Workshop Fall 2010, Spring 2011 University of Georgia
Series of three workshops per term to help graduate students prepare teaching statements and academic portfolios.

Service

Nov 2012 – present Institutional Review Board Gwinnett County Public Schools
Meet quarterly with the IRB to evaluate proposals for educational research projects to be conducted within the district.

Specialized Training

Attended Workshops/Trainings

Jun 2019	Data Visualization Workshop	Georgia State University
Apr 2019	Intro to Systematic Review and Meta-Analysis	AERA Conference, Toronto
Apr 2019	Fitting Multilevel Models to ECLS Data Using R	AERA Conference, Toronto
Jun 2018	R for Machine Learning	PAW Conference, Las Vegas
Jun 2014	Multilevel Modeling Workshop	University of Georgia
Aug 2013	Getting Familiar with Stata	On-site StataCorp Training, GCPS

Professional Affiliations

American Educational Research Association, Member
Directors of Research & Evaluation, Member

Honors & Awards

2011	Owen Scott Scholars Award Department of Educational Psychology, University of Georgia <i>Annual departmental award recognizing outstanding student scholarship</i>
2011	Interdisciplinary & Innovative Research Grant Graduate School, University of Georgia <i>Dissertation grant for research with the potential to influence multiple fields of study</i>

2009 – **Future Faculty Program**
2010 Center for Teaching & Learning, University of Georgia
Year-long professional development program for 15 graduate teaching assistants selected from the top 10% of teaching assistants across the University.

2009 **Outstanding Teaching Assistant Award**
College of Education, University of Georgia
Award recognizing teaching excellence among the top 10% of teaching assistants at the University.