

Curriculum Vitae

1	NAME	Robert Matthew DeMonbrun
2	ACADEMIC QUALIFICATIONS	<p>Ph.D. Higher Education</p> <p>University of Michigan – Ann Arbor</p> <p>M.A. Higher Education Administration</p> <p>University of Alabama – Tuscaloosa</p> <p>B.S. Aerospace</p> <p>Middle Tennessee State University</p> <p>Magna Cum Laude</p>
3	CURRENT PROFESSIONAL MEMBERSHIP	Southern Methodist University
4	CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES	<p>Senior Statistician and Associate Director, University Decision Support (present)</p> <p>Adjunct Instructor, Higher Education Administration (present)</p> <p>Chair, Data Analytics Research Consortium, 2019-Present</p> <p>University Admissions Council of Faculty Senate, 2020-Present</p> <p>Member, Transfer Advisory Council, 2020-2021</p>
5	PREVIOUS EMPLOYMENT	<p>University of Michigan (Ann Arbor, MI):</p> <p>Office for Student Conflict Resolution Advisory Board, 2014-2016</p> <p>School of Education Technology Advisory Committee, 2015-2016</p> <p>CSHPE Ph.D. Admissions Student Representative, 2015-2016</p> <p>School of Education Graduate Student Conference Committee, 2013-2015 (Member), 2015-2017 (Chair)</p> <p>University of Alabama (Tuscaloosa, AL):</p> <p>Education Policy Center Research Associate, 2009-2017 Resident Assistant Training Committee, 2009-2010 Greek Life Advisory Board, 2008-2009</p> <p>Student Affairs First-Year Retention Task Force, 2008-2010</p>

6	CONFERENCES AND TRAINING	<p>Peer-Reviewed Conferences</p> <p>DeMonbrun, M., Warshaw, J. B. & McNaughtan, J. (2020) Does Striving for Prestige Impede Access for Underrepresented Minorities to Public Regional Comprehensive Universities? Symposium presented at the 2020 American Educational Research Association (AERA) Annual Meeting, San Francisco, CA. http://tinyurl.com/tssvuv5 (Conference Cancelled)</p> <p>DeMonbrun, M., Warshaw, J. B., & McNaughtan, J. (2019). Does Striving for Prestige Impede Access?</p> <p>Master's Comprehensive Institutions and the Enrollment of Underrepresented Minorities. Paper presented at the 2019 American Educational Research Association (AERA) conference, Toronto, Canada.</p> <p>DeMonbrun, M. (2019). Identifying Course-Taking Trajectories through a Social Networks Analysis. Paper presented at the 2019 Association of Institutional Research (AIR) conference, Denver, Colorado.</p> <p>McNaughtan, J., DeMonbrun, M., & Warshaw, J. B. (2019). The Context of Presidential Turnover: Understanding How Institutional Characteristics and State Context Are Associated with Presidential Departure. Paper presented at the 2019 American Educational Research Association (AERA) conference, Toronto, Canada.</p> <p>Brown, M. & DeMonbrun, M. (2019). Who Gets Helped? The Opportunity Structure of the Physics Classroom, Active Learning, and Perceptions of Help-Seeking. Paper presented at the 2019 American Educational Research Association (AERA) conference, Toronto, Canada.</p> <p>Borrego, M., Nguyen, K. A., Crockett, C., DeMonbrun, M., Shekhar, P., Tharayil, S.,...Waters, C. (2018). Systematic Literature Review of Students' Affective Responses to Active Learning: Overview of Results. Paper presented at the 2018 Frontiers in Education conference, San Jose, CA.</p> <p>DeMonbrun, M., Brown, M., & Teasley, S. (2018). The Snowball Effect: Exploring the Influence of Changes in Academic Performance on Student Success in Co-Enrolled Courses. Paper presented at the 125th American Society for Engineering Education conference, Salt Lake City, UT.</p>
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		<p>Crockett, C. E., Kguyen, K. A., Shekhar, P., DeMonbrun, M., Tharayil, S., Rosenberg, R.,...Finelli, C., (2018).</p> <p>How Do Students Respond to Active Learning? A Coding Guide for a Systematic Review of the Literature. Paper presented at the 125th American Society for Engineering Education conference, Salt Lake City, UT.</p> <p>DeMonbrun, M., & Finelli, C. (2018). Impact of Prior Experiences on Future Participation in Active Learning. Paper presented at the 125th American Society for Engineering Education conference, Salt Lake City, UT.</p> <p>Brown, M., DeMonbrun, M., & Teasley, S. (2018). Conceptualizing Co-enrollment: Accounting for student experiences across the curriculum. Paper presented at the 8th International Conference on Learning Analytics and Knowledge, Sydney, Australia. [Best Paper Award Winner]</p> <p>DeMonbrun, M. (2017). Exploring Trajectories: Using Event History Methods to Predict Students' Performance During Summer Bridge. Paper presented at the 2017 Association for the Study of Higher Education Conference, Houston, TX.</p> <p>DeMonbrun, M. & Brown, M. (2017). Exploring the Relationship between the Use of Learning Technologies and Student Success in the Engineering Classroom. Paper presented at the 124th American Society for Engineering Education conference, Columbus, OH.</p> <p>DeMonbrun, M., & Brown, M. (2017). Exploring Academic Difficulties in the First Year of Engineering Students' Coursework. Paper presented at the 124th American Society for Engineering Education conference, Columbus, OH.</p> <p>Nguyen, K., DeMonbrun, M., Borrego, M., Husman, J., Prince, M., Finelli, C., ... Waters., C. (2017). The Tensions Measuring Instructional Practices. Paper presented at the 2017 Research in Engineering Education Symposium, Bogotá, Columbia.</p> <p>Nguyen, K., Finelli, C., Husman, J., DeMonbrun, M., Borrego, M., Prince, M., Henderson, C., & Waters, C. (2017). The Variation of Nontraditional Teaching Methods Across 17 Undergraduate Engineering Classrooms. Paper presented at the 124th American Society for Engineering Education conference, Columbus, OH.</p> <p>Kerst, J., Pfersy, H., DeMonbrun, M., & Finelli, C. (2017). Long-Term Impact of Faculty Development Program on Student Evaluations of Teaching. Paper presented at the 124th American</p>
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	<p>Society for Engineering Education conference, Columbus, OH.</p> <p>Brown, M., DeMonbrun, M., & Teasley, S. (2017). Don't Call it a Comeback: Academic recovery and the timing of educational technology adoption. Paper presented at the 7th International Conference on Learning Analytics and Knowledge, Vancouver, BC. [Best Paper Nominee]</p> <p>DeMonbrun, M. & Finelli, C. (2017). Development of a Survey Instrument to Measure Student Response to Instructional Practices. Poster presented at the Center for Research on Teaching and Learning-Engineering (CRTLE) Poster Fair, Lurie Engineering Building, University of Michigan, Ann Arbor, MI.</p> <p>Grim, J., DeMonbrun, M., & Morton, C. (2016). Racial Differences in Doctoral Socialization and Intent to Pursue the Professoriate. Paper presented at the 2016 Association for the Study of Higher Education Conference, Columbus, OH.</p> <p>DeMonbrun, M. (2016). The Role of Intergroup Contact Theory in Interracial Interactions: Reconceptualizing Student's Interactions with Diverse Others. Paper presented at the 2016 Association for the Study of Higher Education Conference, Columbus, OH.</p> <p>Brown, M., DeMonbrun, M., Lonn, S., Aguilar, S., & Teasley, S. (2016). What and When: The Role of Course Type and Timing in Students' Academic Performance. Paper presented at the 6th International Conference on Learning Analytics and Knowledge, Edinburgh. UK.</p> <p>Nguyen, K., Borrego, M., Shekhar, P., Henderson, C., Waters, C., Finelli, C., DeMonbrun, M., & Prince, M. (2016). Measuring Student Response to Instructional Practices (StRIP) in Traditional and Active Classrooms. Paper presented at the 123rd American Society for Engineering Education conference, New Orleans, LA.</p> <p>DeMonbrun, M. & Finelli, C., (2015). Development of a Survey Instrument to Measure Student Resistance to Active Learning. Paper presented at the 2015 Association for the Study of Higher Education Conference, Denver, CO.</p> <p>DeMonbrun, M., Shekhar, P., & Finelli, C. (2015). Methods for Establishing Validity and Reliability of Observation Protocols. Paper presented at the 122nd American Society of Engineering Education Annual Conference, Seattle, WA.</p> <p>Shekhar, P., Borrego, M., DeMonbrun, M., Finelli, C., Waters, C.,</p>
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		<p>Prince, M., & Henderson, C. (2015). A Mixed Method Study to Understand Student Resistance to Active Learning. Paper presented at the 2015 Research in Engineering Education Symposium, Dublin, Ireland.</p> <p>DeMonbrun, M. & Hernandez, E. (2014). Perceptions of Campus Racial Climate and Minority Student Stop-out. Paper presented at the 2014 Association for the Study of Higher Education Conference, Washington, D.C.</p> <p>King, P. M., Baxter Magolda, M., Barber, J., & DeMonbrun, M. (2014). Developmental Pathways of African-American Students: A Longitudinal Study of Development in Context. Paper presented at the 2014 Association for the Study of Higher Education Conference, Washington, D.C.</p> <p>DeMonbrun, M. & Brown, M. (2014). Gendered influences on course planning decisions in undergraduate Engineering Education. Paper presented at the 2014 Frontiers in Education Conference, Madrid, Spain.</p> <p>Finelli, C., DeMonbrun, M., Borrego, M., Shekhar, P., Prince, M., Henderson, C., & Waters, C. (2014). A Classroom Observation Instrument to Assess Student Response to Active Learning. Paper presented at the 2014 Frontiers in Education Conference, Madrid, Spain.</p> <p>Ganago, A., DeMonbrun, M., & Sivaramakrishnan, S. (2014). Development of student motivation in a required Electrical Engineering (EE) course for non-EE majors. Paper presented at the 121st American Society of Engineering Education Conference, Indianapolis, IN.</p> <p>King, P. M., Baxter Magolda, M., Joslin, J., & DeMonbrun, M. (2013). The Journey to Self-Authorship among College Seniors: A Longitudinal, Interactionist Analysis. Paper presented at the 2013 Association for the Study of Higher Education Conference, St. Louis, MO.</p> <p>Invited Presentations</p> <p>DeMonbrun, M. (March, 2019). The importance of understanding</p>
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		<p>statistical significance in education research. Invited guest lecture for Research in Education (EDUC 70953) course at Texas Christian University. Fort Worth, TX.</p> <p>DeMonbrun, M. (March, 2018). Exploring Academic Performance and Student Success in the Engineering Classroom. University of Michigan EER Work-in-Progress Lecture Series. Ann Arbor, MI.</p>
7	RESEARCH AND PUBLICATIONS	<p>DeMonbrun, M., Warshaw, J. B., & McNaughtan, J. (in press). Suppressing Racial Diversity for Prestige?</p> <p>The Conflicting Imperatives of US Public Master's Institutions. <i>Studies in Higher Education</i>.</p> <p>Grim, J., Kim, H., Morton, C., & DeMonbrun, M. (2021). The socialization for teaching: Factors related to doctoral students of color teaching career aspirations. <i>International Journal of Doctoral Studies</i> 16(1), 1-19.</p> <p>Nguyen, K. A., Borrego, M., Finelli, C., DeMonbrun, M., Crockett, C., Tharayil, S.,...Rosenberg, R. (2021). Instructor Strategies to Reduce Student Resistance to Active Learning: A Systematic Literature Review. <i>International Journal of STEM Education</i>, 8(9), 1-18.</p> <p>Crockett, C., Finelli, C., Nguyen, K. A, DeMonbrun, M., & Borrego, M. (2021). Common characteristics of high-quality papers studying student response to active learning. <i>International Journal of Engineering Education</i>, 37(2), 420-432.</p> <p>DeMonbrun, M. & Warshaw, J. B. (2020). Enrollment Management and Admissions Policies at Regional Public Universities. <i>New Directions in Higher Education</i>, 190, 71-88.</p> <p>Warshaw, J. B., DeMonbrun, M., & McNaughtan, J. (2020). A Field of Striving or Equity? Regional Public Universities and College Access. <i>New Directions in Higher Education</i>, 190, 25-39.</p> <p>Shekhar, P., Borrego, M., Crockett, C., DeMonbrun, M., Finelli, C.,</p>

		<p>& Nguyen, K. (2020). Negative Student Response to Active Learning in STEM Classrooms: A Systematic Review of Underlying Reasons. <i>Journal of College Science Teaching</i>, 29(6), 45-54.</p> <p>DeMonbrun, M., Brown, M., & Teasley, S. (2020). Enrollment patterns and students' risk of academic difficulty. <i>Journal of Applied Research in Higher Education</i>, 12(1), 97-108.</p> <p>Brown, M. & DeMonbrun, M. (2019). Who Gets Helped? The Opportunity Structure of the Physics Classroom, Peer Instruction, and Perceptions of Help-Seeking. <i>Journal of College Science Teaching</i>, 49(2), 36-44.</p> <p>Warshaw, J. B., McNaughtan, J., & DeMonbrun, M. (2019). Does striving for prestige impede socioeconomic diversity? Master's comprehensive institutions and the low-income student. <i>Higher Education Policy</i>. Advance online publication. doi:10.1057/s41307-019-00137-1</p> <p>DeMonbrun, M., Cañas, J. & Finelli, C. J. (2019). Influencing Changes in Teaching: Addressing Motivations and Barriers to the Adoption of Evidence-Based Teaching Strategies in Engineering. <i>Journal of Excellence in College Teaching</i>, 30(1), 101-125.</p> <p>Brown, M., DeMonbrun, M., & Teasley, S. (2018). Taken together: Conceptualizing students' concurrent course enrollment across the post-secondary curriculum using temporal analytics. <i>Journal of Learning Analytics</i>, 5(3), 60-72.</p> <p>DeMonbrun, M., Kerst, J., Pfershy, H., & Finelli, C. (2018). The Long-Term Impact of a Faculty Development Program on Student Evaluations of Teaching. <i>International Journal of Engineering Education</i>, 34(4), 1-10.</p> <p>Finelli, C., Nguyen, K., DeMonbrun, M., Borrego, M., Prince, M., Henderson, C., ... Waters, C. (2018). Reducing Student Resistance and Increasing Engagement in Active Learning: Strategies for</p>
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		<p>Instructors. <i>Journal of College Science Teaching</i>, 47(5), 80-91.</p> <p>Shekhar, P., Prince, M., Finelli, C., DeMonbrun, M., & Waters, C. (2018). Integrating Quantitative and Qualitative Research Methods to Examine Student Resistance to Active Learning. <i>European Journal of Engineering Education</i>, 43, 1-12.</p> <p>DeMonbrun, M., Finelli, C., Prince, M., Borrego, M., Shekhar, P., Henderson, C., & Waters, C. (2017). Creating an Instrument to Measure Student Response to Instructional Practices. <i>Journal of Engineering Education</i>, 106(2), 273-298.</p> <p>Nguyen, K., Husman, J., Borrego, M., Shekhar, P., Prince, M., DeMonbrun, M., ... Waters, C. (2017). Students' Expectations, Types of Instruction, and Instructor Strategies Predicting Student Response to Active Learning. <i>International Journal of Engineering Education</i>, 33(1), 2-18.</p> <p>Shekhar, P., DeMonbrun, M., Borrego, M., Finelli, C., Prince, M., Henderson, C., & Waters, C. (2015).</p> <p>Development of an Observation Protocol to Study Undergraduate Engineering Student Resistance to Active Learning. <i>International Journal of Engineering Education</i>, 31(2), 597-609.</p> <p>Selected Policy Briefs</p> <p>Hallman, S., DeMonbrun, M., & Karel, A. (2017). The Impact of Engaged Learning at the University of Michigan. Report commissioned by the Office of the Provost at the University of Michigan.</p> <p>Michigan Postsecondary Credential Attainment Workgroup. (2015). Reaching for Opportunity: An Action Plan to Increase Michigan's Postsecondary Credential Attainment. Retrieved on February 5, 2016 from http://mitalentgoal2025.org/</p> <p>The University of Alabama Education Policy Center. (2015). The</p>
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8	CONSULTANCY	
9	COMMUNITY SERVICE	
10	OTHER RELEVANT INFORMATION	<p>Professional Affiliations</p> <p>American Statistical Association, 2018-Present Association for Institutional Research, 2016-Present American Society for Engineering Education, 2013-Present American Educational Research Association, 2013-Present American College Personnel Association, 2010-Present</p> <p>Association for the Study of Higher Education, 2009-Present National Association of Student Personnel Administrators, 2008-2017 Association of College and University Housing Officers – International, 2010-2013</p>

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