

Curriculum Vitae
Shaun D. Hutchins, Ph.D.

Clinical Associate Professor
College Station, Texas
shaun.hutchins@tamu.edu
(Current as of 1/5/2026)

EDUCATION

Ph.D. Education, Colorado State University, May 2015

Major: Education & Human Resource Studies

Concentration: Educational research methodology

Dissertation: *Theoretical Analysis of the Philosophy and Practice of Disciplined Inquiry*

M.A., Psychology, New Mexico State University, December 2007

Major: Experimental psychology

Minor: Experimental statistics

Concentration: Engineering psychology

Thesis: *Exploration of an Expert Mental Model of Usability Methods*

B.A., Psychology, University of Maine at Farmington, June 2000

Emphasis: Developmental psychology

EMPLOYMENT HISTORY

2020–Present	Clinical Associate Professor, Department of Teaching, Learning and Culture, College of Education and Human Development, Texas A&M University, College Station, TX
2023–2025	Interim Co-Director, Texas A&M University Education Research Center, Texas A&M University, College Station, TX
2020–2023	Associate Director for Evaluation, Texas A&M University Education Research Center, Texas A&M University, College Station, TX
2019–2020	Assistant Director, Employee Effectiveness, Talent Acquisition and Development, Austin Independent School District, Austin, TX
2016–2020	Lecturer, Department of Teaching, Learning and Culture, College of Education and Human Development, Texas A&M University, College Station, TX
2017–2019	Program Evaluation Coordinator, Department of Research and Evaluation, Austin Independent School District, Austin, TX

2017 Director of Research, Southwest Region, K12 *Insight*, Herndon, VA

2014–2017 Research analyst, Department of Research and Evaluation, Austin Independent School District, Austin, TX

2013–2014 Research analyst, Department of Assessment and Research, Educational Research and Design, Jefferson County Public Schools, Golden, CO

2012 Adjunct teaching faculty, School of Education, Colorado State University, Fort Collins, CO

2009–2011 Graduate teaching assistant, School of Education, Colorado State University, Fort Collins, CO

2008–2009 Graduate research assistant, School of Education Graduate Programs Office, Colorado State University, Fort Collins, CO

2006–2013 Human factors engineer, Alion Science and Technology, Boulder, CO

2003–2006 Human factors engineer, Micro Analysis & Design, Boulder, CO

2002–2003 Human factors intern, Micro Analysis & Design, Boulder, CO

2001–2003 Graduate research assistant, ARL Advanced Decision Architectures, Department of Psychology, New Mexico State University, Las Cruces, NM

TEACHING EXPERIENCE

2025-Fall Texas A&M University, Clinical Associate Professor
 EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course); **course lead, co-taught**
 EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); **course lead**
 EDCI 680 (700)–Proseminar III (Ed.D. level course)
 EDCI 685 (611)–Directed Studies
 EDCI 692 (701, 702, 704, 707, 710, 717, 721)–ROS proposal and defense (Ed.D. level course)

2025-Summer Texas A&M University, Clinical Associate Professor
 EDCI 632 (700)–Program Evaluation in Curriculum and Instruction (Ed.D. level course); **course lead**
 EDCI 680 (701, 706)–Proseminar I (Ed.D. level course)
 EDCI 692 (703, 710, 712, 713, 716, 721, 722)–ROS proposal and defense (Ed.D. level course)

2025-Spring	<p>Texas A&M University, Clinical Associate Professor EDCI 609 (700)–Analysis and Reporting for Records of Study (Ed.D. level course); course lead EDCI 661 (601)–Mixed Methods Research in Curriculum and Instruction (Ph.D. level course); course lead EDCI 751 (700)–Problem-Based Research Frameworks (Ed.D. level course); course lead EDCI 692 (700, 710, 714, 716)–ROS proposal and defense (Ed.D. level course)</p>
2024-Fall	<p>Texas A&M University, Clinical Associate Professor EDCI 636 (702)–Educator as Researcher (M.Ed level course); course lead EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course); course lead, co-taught EDCI 686 (600)–Research Methods in Curriculum and Instruction (Ph.D. level course); co-taught EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); course lead EDCI 680 (700, 707)–Proseminar III (Ed.D. level course) EDCI 692 (701, 702, 704, 710, 717, 721)–ROS proposal and defense (Ed.D. level course)</p>
2024-Summer	<p>Texas A&M University, Clinical Associate Professor EDCI 632 (700)–Program Evaluation in Curriculum and Instruction (Ed.D. level course); course lead EDCI 636 (700)–Educator as Researcher (M.Ed level course); course lead EDCI 680 (701, 706)–Proseminar I (Ed.D. level course) EDCI 680 (711, 718)–Proseminar II (Ed.D. level course) EDCI 692 (703, 710, 716)–ROS proposal and defense (Ed.D. level course)</p>
2024–Spring	<p>Texas A&M University, Clinical Associate Professor EDCI 609 (700)–Analysis and Reporting for Records of Study (Ed.D. level course); course lead EDCI 661 (601)–Mixed Methods Research in Curriculum and Instruction (Ph.D. level course); course lead EDCI 751 (700)–Problem-Based Research Frameworks (Ed.D. level course); course lead EDCI 692 (700, 710, 716)–ROS proposal and defense (Ed.D. level course)</p>
2023–Fall	<p>Texas A&M University, Clinical Associate Professor EDCI 636 (699, 702, 703)–Educator as Researcher (M.Ed level course); course lead EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); course lead EDCI 680 (700, 701)–Proseminar III (Ed.D. level course)</p>

EDCI 692 (701, 703, 704, 717)–ROS proposal and defense (Ed.D. level course)

2023–Summer

Texas A&M University, Clinical Associate Professor
EDCI 632 (700)–Program Evaluation in Curriculum and Instruction (Ed.D. level course); **course lead**
EDCI 636 (700)–Educator as Researcher (M.Ed level course); **course lead**
EDCI 680 (700, 701)–Proseminar I (Ed.D. level course)
EDCI 680 (705, 706)–Proseminar II (Ed.D. level course)
EDCI 692 (703, 710, 713, 716)–ROS proposal and defense (Ed.D. level course)

2023–Spring

Texas A&M University, Clinical Associate Professor
EDCI 636 (701)–Educator as Researcher (M.Ed level course); **course lead**
EDCI 609 (700)–Analysis and Reporting for Records of Study (Ed.D. level course); **course lead**
EDCI 751 (700)–Problem-Based Research Frameworks (Ed.D. level course); **course lead**
EDCI 684 (702, 703)–Professional Internship (Ed.D. level course)
EDCI 692 (710, 714, 716)–ROS proposal and defense (Ed.D. level course)

2022–Fall

Texas A&M University, Clinical Associate Professor
EDCI 636 (700, 702)–Educator as Researcher (M.Ed level course); **course lead**
EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course); **course lead**
EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); **course lead**
EDCI 680 (701)–Proseminar III (Ed.D. level course)
EDCI 692 (703, 710)–ROS proposal and defense (Ed.D. level course)

2022–Summer

Texas A&M University, Clinical Associate Professor
EDCI 632 (700)–Program Evaluation in Curriculum and Instruction (Ed.D. level course); **course lead**
EDCI 680 (700)–Proseminar I (Ed.D. level course)
EDCI 680 (705)–Proseminar II (Ed.D. level course)
EDCI 692 (703, 710)–ROS proposal and defense (Ed.D. level course)

2022–Spring

Texas A&M University, Clinical Associate Professor
EDCI 636 (701)–Educator as Researcher (M.Ed level course); **course lead**
EDCI 609 (700)–Analysis and Reporting for Records of Study (Ed.D. level course); **course lead**
EDCI 751 (700)–Problem-Based Research Frameworks (Ed.D. level course); **course lead**
EDCI 684 (703)–Professional Internship (Ed.D. level course)
EDCI 692 (714, 716)–ROS proposal and defense (Ed.D. level course)

2021-Fall	<p>Texas A&M University, Clinical Associate Professor EDCI 636 (702)–Educator as Researcher (M.Ed level course); course lead EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course); course lead EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); course lead EDCI 680 (705, 706)–Proseminar III (Ed.D. level course) EDCI 692 (701, 703)–ROS proposal and defense (Ed.D. level course)</p>
2021-Summer	<p>Texas A&M University, Clinical Associate Professor EDCI 632 (700)–Program Evaluation in Curriculum and Instruction (Ed.D. level course); course lead EDCI 680 (701, 710)–Proseminar I (Ed.D. level course) EDCI 680 (706, 717)–Proseminar II (Ed.D. level course)</p>
2021-Spring	<p>Texas A&M University, Clinical Associate Professor EDCI 636 (600, 700)–Educator as Researcher (M.Ed level course); course lead EDCI 609 (700)–Analysis and Reporting for Records of Study (Ed.D. level course); course lead EDCI 751 (700)–Problem-Based Research Frameworks (Ed.D. level course); course lead EDCI 684 (703, 707)–Professional Internship (Ed.D. level course)</p>
2020-Fall	<p>Texas A&M University, Clinical Associate Professor EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course); course lead EDCI 754 (700)–Trends in Data Management and Analysis (Ed.D. level course); course lead</p>
2019-Fall	<p>Texas A&M University, Adjunct Faculty EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course)</p>
2019-Summer	<p>Texas A&M University, Adjunct Faculty EDCI 605 (700)–Qualitative Research Methods in Curriculum and Instruction (Ed.D. level course)</p>
2019-Spring	<p>Texas A&M University, Adjunct Faculty EDCI 661 (700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course)</p>
2018-Spring	<p>Texas A&M University, Adjunct Faculty EDCI 609–Analysis and Reporting for Records of Study (Ed.D. level course)</p>

2017-Fall	Texas A&M University, Adjunct Faculty EDCI 661 (699, 700)–Mixed Methods Research in Curriculum and Instruction (Ed.D. level course)
2017-Spring	Texas A&M University, Adjunct Faculty EDCI 609–Analysis and Reporting for Records of Study (Ed.D. level course)
2011-2012	Colorado State University, Adjunct Faculty EDRM 702–Foundations of Educational Research (Ph.D. level course)
2009–2011	Colorado State University, Graduate teaching assistant EDRM 702–Foundations of Educational Research (Ph.D. level course)

Content areas I am comfortable teaching include:

- Foundations of educational research
- Introduction to education research methods
- Quantitative methods in education
- Qualitative methods in education
- Mixed methods in education
- Program evaluation
- Literature review research methods
- Action research
- Improvement science in education
- Research and evaluation in K-12 settings
- Teacher appraisal systems

PUBLICATIONS AND PAPERS PRESENTED

Manuscripts in Progress

Viruru, R., Zentell, S., **Hutchins, S. D.**, Williams, J., & Irby, B. (in press). CIRCLE: Building Community, Individuals and Respect: Creating Leaders of Excellence: The Ed.D. Program at Texas A&M University. *Impacting Education*.

Hutchins, S. D., Wright, K., & Rambo-Hernandez, K. (accepted). A Contingency Table-based Method of Crossover Analysis in Convergent Mixed Methods Designs to Achieve Complementarity Between Ratings and Comments in Survey Research. *Journal of Mixed Methods Research*.

Hutchins, S. D. (accepted). On the Definitions and Components of Methodology: A Synthesis of Literature and Proposed Range-Based Framework for Understanding Methodology. *International Journal of Educational Methodology*.

Hutchins, S. D. (in review). Towards an Improved Methodological Understanding of the Operational Characteristics of Inquiry: A Synthesis and Re-Presentation of the Propositions of the Theory of Paradigms of Inquiry. *International Journal of Research & Method in Education*.

Hill-Jackson, V., Kim, J., Holzman, B., **Hutchins, S. D.**, & Sampson, S. (in review). Mapping the Evidence Base: A Systematic Review of Professional Development for Education and Training Instructors in Career and Technical Education Programs. *Review of Research in Education*.

Su-Keene, E., **Hutchins, S. D.**, & Samson, C. (in review). Which stressors matter most? Differential impacts of work-related stressors and stressor systems on principals' mental health. *Educational Administration Quarterly*.

Peer-Reviewed Journal Articles

Hill-Jackson, V., & **Hutchins, S. D.** (2025). Balancing Act: The Complexities of Implementing Professional Learning during a Teacher Residency with Implications for Program and P12 School Leaders. *Journal of Teacher Education*, 76(5), 516-535. <https://doi.org/10.1177/00224871251373041>.

Kwok, A., & **Hutchins, S. D.** (2024). What is Observable? Exploring the Design & Content Validity of a Clinical Teaching Observation Instrument. *Teacher Development*, 29(4), 849–871. <https://doi.org/10.1080/13664530.2024.2430289>.

Svajda-Hardy, M., Kwok, A., Hill-Jackson, V., & **Hutchins, S. D.** (2024). The “Who” of Teacher Residencies: Preservice Teachers' Motivations for Selecting a Teacher Residency Program. *Action in Teacher Education*, 47(1), 63–81. <https://doi.org/10.1080/01626620.2024.2358921>.

Kwok, A., Svajda-Hardy, M., Hill-Jackson, V. & **Hutchins, S. D.** (2023). Exploring a Teacher Residency as a Recruitment and Retention Strategy for High-Need Districts. *Journal of Education*, 204(3), 608-620. <https://doi.org/10.1177/00220574231196558>.

Wickens, C. D., **Hutchins, S. D.**, Laux, L., & Sebok, A. (2015). The impact of sleep disruption on complex cognitive tasks: Meta-analysis and review. *Human Factors*, 57(6), 930–946.

Carolan, T. F., **Hutchins, S. D.**, Wickens, C. D., & Cumming, J. (2014). Costs and benefits of more learner freedom: Meta-analyses of exploratory and learner control training methods. *Human Factors*, 56(5), 999–1014.

Hutchins, S. D., Wickens, C. D., Carolan, T. F., & Cumming, J. M. (2013). The influence of cognitive load on transfer with error prevention training methods: A meta-analysis. *Human Factors*, 55(4), 854–874.

- Lu, S., Wickens, C. D., Prinett, J., **Hutchins, S. D.**, Sarter, N., & Sebok, A. (2013). Supporting interruption management and multimodal interface design: Three meta-analyses of task performance as a function of interrupting task modality. *Human Factors*, *55*(4), 697–724.
- Wickens, C. D., **Hutchins, S. D.**, Carolan, T. F., & Cumming, J. (2013). Effectiveness of part task training and increasing difficulty training strategies: A meta-analysis approach. *Human Factors*, *55*(2), 461–470.
- Barnes, M. J., McDermott, P. L., **Hutchins, S. D.**, & Rothrock, L. (2011). Framing, loss aversion, and visualization of risk for a dynamic simulation environment. *Journal of Cognitive Engineering and Decision Making*, *5*(3), 294–308.
- Wickens, C. D., Rice, S., **Hutchins, S. D.**, Keller, D., Hughes, J., & Clayton, K. (2009). False alerts in the air traffic control traffic conflict alert system: Is there a cry wolf effect? *Human Factors*, *51*(4), 446–462.
- McDowell, K., Nunez, P., **Hutchins, S. D.**, & Metcalfe, J. (2008). Secure mobility and the autonomous driver. *IEEE Transactions on Robotics*, *24*(3), 688–697.

Peer-Reviewed Book Chapters

- Wickens, C. D., **Hutchins, S. D.**, Carolan, T., & Cumming, J. (2012). Attention and cognitive resource load in training strategies. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Training cognition: Optimizing efficiency, durability, and generalizability* (pp. 67–88). New York, NY: Psychology Press.
- Hutchins, S. D.**, Josephson, J. R., Barnes, M., Chandrasekaran, B., McDermott, P., & Miller, T. (2009). An interactive decision support architecture for visualizing robust solutions in high risk military environments. In P. McDermott and L. Allender (Eds.), *Advanced decision architectures for the warfighter: Foundations and technology* (pp. 201–218). Boulder, CO: Alion Science and Technology.

Peer-Reviewed Conference Proceedings, Presentations, and Workshops

- Hutchins, S. D.**, Robbins, J., Pote, J., & Chowdhury, M. (submitted). Addressing Cognitive Load and Mental Schema Development for Graduate Research Methods Knowledge. *International Conference of the Learning Sciences (ICLS) 2026*.
- Hutchins, S. D.** & Matthews, S. (2025). Analysis of Preservice Teachers' Data Use Practices in the Field: Towards Developing Data Ready Teachers. Paper presented at the *Southwest Educational Research Association Conference*. February 18-20. New Orleans, LA.
- Hutchins, S. D.** (2025). Review and Synthesis of the Theorems of the Theory of Paradigms of Inquiry: Towards an Improved Methodological Understanding of the Operational Characteristics of Inquiry. Paper presented at the *Southwest Educational Research Association Conference*. February 19-21. San Antonio, TX.

- Hutchins, S. D., & Matsuo, H. (2025).** Using psychometric analyses of PST rating data to inform continuous improvement of the field experience observation process. Paper presented at the *Southwest Educational Research Association Conference*. February 19-21. San Antonio, TX.
- Hutchins, S. D. (2024).** On the Definitions and Components of Methodology: A Qualitative Synthesis of Literature and Proposed Framework. Paper presented at the *Southwest Educational Research Association Conference*. February 14-16. Arlington, TX.
- Hutchins, S. D. (2024).** Understanding the Through Line in Mixed Methods Research: Connecting the rationale, mixed question, mixed design, and meta-inference. Workshop delivered at the *Southwest Educational Research Association Conference*. February 14-16. Arlington, TX.
- Hutchins, S. D., & Rambo-Hernandez, K. (2024)** Using Contingency Tables as a Method of Crossover Analysis for Achieving Complementarity in Convergent Mixed Methods Designs. Paper presented at the *Southwest Educational Research Association Conference*. February 14-16. Arlington, TX.
- Hutchins, S. D., & Shumbera, K. (2024).** Designing authentic research methods projects that build a bridge between graduate and undergraduate education students. *Transformational Teaching and Learning Conference*. May 2. Texas A&M University. College Station, TX.
- Rasmussen, H., Viruru, R., Zentell, S., & **Hutchins, S. D.** (2024). Program of the Year: How Awards are Won! *Carnegie Project on the Education Doctorate (CPED) Annual Convening Learning Exchange*. October 14-17. Honolulu, HI.
- Viruru, R., Zentell, S., & **Hutchins, S. D.** (2024). Aggies Mentoring Aggies: Creating Third Space Mentorship Opportunities for Online Ed.D. Students. *Carnegie Project on the Education Doctorate (CPED) Annual Convening Learning Exchange*. October 14-17. Honolulu, HI.
- Hill-Jackson, V., Kwok, A., Caldwell, C., **Hutchins, S. D.**, Ramirez, M., Williams, L., & Perkins, B. (2023). *Voices of residents and school leaders: A university-based teacher residency as a recruitment and retention strategy for high-need districts*. [Paper presentation]. Association of Teacher Educators Annual Conference. March 28. Jacksonville, FL.
- Hill-Jackson, V., Kwok, A., **Hutchins, S. D.**, & Svajda-Hardy, M. (2023). Voices of the residents: A university-based teacher residency program as a retention strategy for high-need school districts. *Conference Proceedings of the 2023 Annual Conference of the Association of Teacher Educators*.

- Hutchins, S. D., & Grant, M. (2023).** How to Collaborate with a Methodologist. Workshop delivered at the *Southwest Educational Research Association Conference*. February 15-17. San Antonio, TX.
- Hutchins, S. D., & Ortiz, A. (2023).** Is it working? Evaluation of a Teacher Appraisal and Compensation System. *The Consortium of State Organizations for Texas Teacher Education (CSOTTE) Annual Conference*. October 8-10. San Marcos, TX.
- Hutchins, S. D., Wright, K., & Duffield, N. (2023).** Application of a Retrospective Pretest-Posttest Design to the Evaluation and Continuous Improvement of Professional Development. Paper presented at the *Southwest Educational Research Association Conference*. February 15-17. San Antonio, TX.
- Hutchins, S. D., Viruru, R., & Zentell, S. (2023).** Using Cross-Curricular Projects to Create Authentic Learning Opportunities and Mentorship Experiences for Distance Education Graduate Students. *Transformational Teaching and Learning Conference*. May 4. Texas A&M University. College Station, TX.
- Walker, R., & **Hutchins, S. D.** (2023). A Mixed Methods Needs Analysis to Support Community Families in School Readiness. Paper presented at the *Southwest Educational Research Association Conference*. February 15-17. San Antonio, TX.
- Hill-Jackson, V., Kwok, A., **Hutchins, S. D.**, Caldwell, C., & Ramirez, M. (2022). Voices of Residents and School Leaders: A University-based Teacher Residency as a Recruitment and Retention Strategy for High-Need Districts. *The Consortium of State Organizations for Texas Teacher Education (CSOTTE) Annual Conference*. October 9-11. San Marcos, TX.
- Hutchins, S. D., Kwok, A., Corn, M., & Vasquez Neshyba, M. (2022).** Measuring Clinical Practice: Description of the Process and Product of Observation Instrument Development. *The Consortium of State Organizations for Texas Teacher Education (CSOTTE) Annual Conference*. October 9-11. San Marcos, TX.
- Hutchins, S. D., & Viruru, R. (2022).** Supplementing online courses with optional synchronous sessions. *Transformational Teaching and Learning Conference*. May 4. Texas A&M University. College Station, TX.
- Hutchins, S. D., & Viruru, R. (2022).** Working in the tension: Creating problem of practice statements for Ed.D. records of study. *Carnegie Project on the Education Doctorate (CPED) Annual Convening Learning Exchange*. October 12-14. Pittsburgh, PA.
- Schmitt, L. N. & **Hutchins, S. D.** (2016). Student learning objectives (SLOs): Analysis of student growth in 2013–2014 by type and source of assessment. *Presented at the American Educational Research Association 2016 Annual Meeting*, 8–12 April, Washington, D.C.

- Wickens, C. D., Laux, L., **Hutchins, S. D.** & Sebok, A. (2014). Effects of sleep restriction and sleep inertia and overload on complex cognitive performance before and after workload transition: a meta-analysis and two models. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*, 27–31 October, Chicago, IL.
- Hutchins, S. D.**, Laux, L., Wickens, C. D., & Sebok, A. (2013). The effect of continuous wakefulness on complex cognitive task performance: A quantitative synthesis of research. *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. 30 September–4 October, San Diego, CA.
- Carolan, T., McDermott, P. L., **Hutchins, S. D.**, Wickens, C. D., & Belanich, J. (2011). *Investigating The Impact of Training on performance*. Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC), 28 November–1 December, Orlando, FL.
- Wickens, C. D., **Hutchins, S. D.**, Carolan, T., & Cumming, J. (2011). Investigating the impact of training on transfer: a meta-analytic approach. *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. 19–23 September, Las Vegas, NV.
- Wickens, C. D., Prinnet, J., **Hutchins, S. D.**, Sarter, N., & Sebok, A. (2011). Auditory-visual redundancy in vehicle control interruptions: 2 meta-analyses. *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. 19–23 September, Las Vegas, NV.
- Hutchins, S. D.**, McDermott, P., & Barnes, M. (2010). A comparison of asset versus criteria allocation decisions in military decision making. *Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting*. 27 September–1 October, San Francisco, CA.
- Hutchins, S. D.**, Cosenzo, K., McDermott, P., Feng, T., Barnes, M., & Gacy, A. M. (2009) An investigation of the tactile communications channel for robotic control. *Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting*. 19–23 October, San Antonio, TX.
- McDermott, P., Barnes, M., & **Hutchins, S. D.** (2009). Displays and decisions: The chicken or the egg? The influence of displays on the decision making process. *Proceedings of the 9th International Conference on Naturalistic Decision Making*. 23–26 June, London, UK.
- Wickens, C. D., Rice, S., **Hutchins, S. D.**, Keller, D., & Hughes, J. (2009). False alerts in the air traffic control traffic conflict alert system: Is there a cry wolf effect? *Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting*. 19–23 October, San Antonio, TX.
- Hutchins, S. D.**, McDermott, P., & Barnes, M. (2008). Frame consistency in mulit-attribute risk preference decisions. *Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting*. 22–26 September, New York, NY.

Koenecke, C., **Hutchins, S. D.**, & McDermott, P. (2005). Visualizations of multidimensional risk and uncertainty. *Exhibit at the Collaborative Technologies Alliance Conference: Taking Technology to the Edge*. 1–3 June, Washington, DC.

McDermott, P. L., **Hutchins, S. D.**, & Barnes, M. (2005). Too little or too much: The effect of feedback on risk assessment in a missile defense task. *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. 26–30 September, Orlando, FL.

Barnes, M., McDermott, P., **Hutchins, S. D.**, Gillan, D. & Rothrock, L. (2003). The presentation of risk and uncertainty in the context of national missile defense simulations. *Collaborative Technology Alliance Conference: Science and Technology Innovations for the Objective Force*. April 29–May 1, 2003, Adelphi, MD.

McDermott, P., **Hutchins, S. D.**, Barnes, M., Koenecke, C., Gillan, D., & Rothrock, L. (2003). The presentation of risk and uncertainty in the context of national missile defense simulations. *Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting*. 13–17 October, Denver, CO.

Rothrock, L., Park, S., Barnes, M., McDermott, P., **Hutchins, S. D.**, & Gillan, D. (2003). Systematic analysis of risk visualization strategies for homeland defense. *Presented at the IEEE Systems, Man, & Cybernetics conference*, 5–8 October, Washington, D.C.

Texas A&M University Whitepapers and Technical Reports

Hutchins, S. D. (2025). *RISING Hub: Recruitment Process and Summer Institute Update, Supplement to PY1* (Supplemental Report No. RISING-SR25-001). College Station, TX.

Hutchins, S. D. (2025). *Enabling AI on the Fly: Summary of Grant Activities for Program Year 1, 2024-25* (Technical Report No. NRT-AI-TR25-001). College Station, TX.

Hutchins, S. D. (2025). *RISING Hub: Summary of Grant Activities for Program Year 1, 2024-25* (Technical Report No. RISING-TR25-001). College Station, TX.

Hutchins, S. D., Hill-Jackson, V., Caldwell, C., Perkins, B., Moore, J., & Kwok, A. (2024, November). *Teacher education residency model (TERM) implementation and continuous improvement 20232-2024: Guided by theory, developed in practice* (Practice Brief No. TERM-24-02). College Station, TX.

Hutchins, S. D., Hill-Jackson, V., Caldwell, C., Perkins, B., Moore, J., & Kwok, A. (2024, May). *Teacher education residency model (TERM) implementation and continuous improvement 2022-2023: Guided by theory, developed in practice* (Practice Brief No. TERM-24-01). College Station, TX.

Hutchins, S. D. (2023). Austin ISD Professional Pathways for Teachers: Evaluation Report 2021-22. *Texas A&M Education Research Center*: College Station, TX.

Hutchins, S. D., Hill-Jackson, V., Caldwell, C., Kwok, A., & Ramirez, M. (2023). *Teacher education residency model (TERM) implementation and continuous improvement 2021-2022: Guided by theory, developed in practice* (Practice brief TERM-22-01). College Station, TX.

Hutchins, S. D., Stillisano, J. R., Waxman, H. C., Zhou, X., Brown, D. B., & Rollins, K. B. (2023). Evaluation Report: Aggie ACHIEVE. *Texas A&M Education Research Center*: College Station, TX.

Rollins, K. B., Brown, D. B., **Hutchins, S. D.**, Zhou, X. (2023). Evaluation of the Texas Vaccine Outreach & Education Grant. *Texas A&M Education Research Center*: College Station, TX.

Hutchins, S. D., & Wright, K. (2022). An Evaluation of Training Curriculum to Maximize Student Development in Data and Information Science-Related Disciplines. *Texas A&M Education Research Center*: College Station, TX.

School District Reports

Debaylo, P., & **Hutchins, S. D.** (2020). *Understanding the School-Wide Value-Added Measure Used in the Professional Pathways for Teachers (PPfT) Appraisal System* (DRE Publication #19.13). Austin TX: Austin Independent School District.

Debaylo, P., & **Hutchins, S. D.** (2019). *CARES 2018–2019 Evaluation Summary: A Brief Review of the First Year of Implementation* (DRE Publication #18.33). Austin TX: Austin Independent School District.

Debaylo, P., **Hutchins, S. D.**, Leung, J., Looby, K., & Minney, D. (2019a). *Professional Pathways for Teachers: 2018–2019 Evaluation Report* (DRE Publication #18.46). Austin TX: Austin Independent School District.

Debaylo, P., **Hutchins, S. D.**, Leung, J., Looby, K., & Minney, D. (2019b). *Professional Pathways for Teachers: 2018–2019 Evaluation Report, Executive Summary* (DRE Publication #18.46ES). Austin TX: Austin Independent School District.

Hutchins, S. D. (2019a). *Measurement Validity and Reliability of Professional Pathways for Teachers: Research Brief* (DRE Publication #18.33RB). Austin TX: Austin Independent School District.

Hutchins, S. D. (2019b). *Measurement Validity and Reliability of Professional Pathways for Teachers: Technical Report* (DRE Publication #18.33). Austin TX: Austin Independent School District.

Hutchins, S. D., Looby, K., Debaylo, P., & Leung, J. (2019a). *Professional Pathways for Teachers: Executive Summary of Evaluation Findings from 2017–2018* (DRE Publication #17.60ES). Austin TX: Austin Independent School District.

Hutchins, S. D., Looby, K., Debaylo, P., & Leung, J. (2019b). *Professional Pathways for Teachers: Summary of Evaluation Findings from 2017–2018* (DRE Publication #17.60). Austin TX: Austin Independent School District.

Andrews, M., Christian, C., Williams, H., Wang, C., Green-Otero, J., Hasty, B., & **Hutchins, S. D.** (2018). *Creative Learning Initiative Annual Report 2016–2017* (DRE Publication #16.58). Austin TX: Austin Independent School District.

Debaylo, P., **Hutchins, S. D.**, & Looby, K. (2018a). *Educator Excellence Innovation Program: A Summative Report on the Four Years of Implementation* (DRE Publication #17.50RB). Austin TX: Austin Independent School District.

Debaylo, P., **Hutchins, S. D.**, & Looby, K. (2018b). *Educator Excellence Innovation Program Four Year Summative Report* (DRE Publication #17.50ES). Austin TX: Austin Independent School District.

Debaylo, P., **Hutchins, S. D.**, & Looby, K. (2018c). *Educator Excellence Innovation Program Technical Report* (DRE Publication #17.50). Austin TX: Austin Independent School District.

Doolittle, M., & **Hutchins, S. D.** (2018). *Texas Kindergarten Early Assessment (Texas KEA): Comparing Student With or Without Prior Kindergarten Experience* (DRE Publication #17.19). Austin TX: Austin Independent School District.

Hutchins, S. D., Hartman, P., & Williams, H. (2018). *Thinking Heuristically About Student Growth in Austin Independent School District* (DRE Publication #17.33). Austin TX: Austin Independent School District.

Hutchins, S. D. (2017a). *Analysis of Equity in Austin Independent School District* (DRE Publication #16.24). Austin TX: Austin Independent School District.

Hutchins, S. D. (2017b). *Summary of the Educator Excellence Innovation Program (EEIP) in Austin Independent School District in the Third Year of Implementation* (DRE Publication #16.18). Austin TX: Austin Independent School District.

Hutchins, S. D., Lamb, L., Williams, H., & Lyons, A. (2017). *Has school climate in AISD changed over time since the implementation of the Learning Support Centers?* (DRE Publication #16.15). Austin TX: Austin Independent School District.

Jensen, M., Looby, K., & **Hutchins, S. D.** (2017). *Educator Excellence Innovation Program: Year 3 Summary of Implementation* (DRE Publication #16.50). Austin TX: Austin Independent School District.

- Williams, H., Andrews, M., & **Hutchins, S. D.** (2017). *Summary of Austin Independent School District Telecommuting Surveys* (DRE Publication 17.09). Austin, TX: Austin Independent School District.
- Hutchins, S. D.** (2016a). *Austin Independent School District (AISD) Human Resources Exit Survey 2015–2016: Summary of Teachers’ Reasons for Leaving* (DRE Publication #16.04). Austin TX: Austin Independent School District.
- Hutchins, S. D.** (2016b). *Austin Independent School District (AISD) Human Resources Exit Survey 2015–2016: Summary of Principals’ Reasons for Leaving* (DRE Publication #16.05). Austin TX: Austin Independent School District.
- Hutchins, S. D.** (2016c). *Austin Independent School District (AISD) Human Resources Exit Survey 2015–2016: Summary of Campus-Based Non-Teaching Professionals’ Reasons for Leaving* (DRE Publication #16.06). Austin TX: Austin Independent School District.
- Hutchins, S. D.** (2016d). *Year Two Evaluation of the Educator Excellence Innovation Program in Austin Independent School District* (DRE Publication #15.76). Austin TX: Austin Independent School District.
- Hutchins, S. D.**, Looby, K., & Reach, J. (2016). *Equity in Austin Independent School District: District summary of equity work and action steps for improvement* (DRE Publication #16.11). Austin TX: Austin Independent School District.
- Hutchins, S. D.**, & Schmitt, L. N. (2016). *Austin Independent School District Central Office Work Environment Survey 2012 through 2016* (DRE Publication #15.45a). Austin TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2016a). *SAS Educational Value-Added Assessment System (EVAAS®) Scores for Austin Independent School District, 2015* (DRE Publication #15.07). Austin TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2016b). *Student learning objectives (SLOs): Analysis of student growth in 2013–2014 by type and source of assessment* (DRE Publication #14.85). Austin TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2016c). *TELL AISD Teaching and Learning Conditions Survey: Results for 2011 through 2016* (DRE Publication #15.29). Austin TX: Austin Independent School District.
- Hutchins, S. D.**, & Schmitt, L. N. (2015a). *Austin Independent School District Human Resources Exit Survey: Summary of results, 2014* (DRE Publication #14.28). Austin TX: Austin Independent School District.

- Hutchins, S. D., & Schmitt, L. N.** (2015b). *Professional development activities needs assessment, 2015–2016* (DRE Publication 15.14). Austin, TX: Austin Independent School District.
- Hutchins, S. D., & Schmitt, L. N.** (2015c). *Staff perceptions of Austin Independent School District's Professional Pathways for Teachers (PPfT) appraisal system: Analysis of the PPfT items from the 2014–2015 Employee Coordinated Survey* (DRE Publication 15.09). Austin, TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2015a). *Austin Independent School District Human Resources Exit Survey 2014–2015: Summary of campus-based non-teaching professionals' reasons for leaving* (DRE Publication #14.83 RB ii). Austin TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2015b). *Austin Independent School District Human Resources Exit Survey 2014–2015: Summary of teachers' reasons for leaving* (DRE Publication #14.83 RB i). Austin TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2015c). *Sustaining a system for high-quality teachers, Report 2: Market opportunities and typical wages for Austin Independent School District teachers and leavers* (DRE Publication 14.91). Austin, TX: Austin Independent School District.
- Schmitt, L. N., & **Hutchins, S. D.** (2015d). *Technical supplement to sustaining a system for high-quality teachers, Report 2: Market opportunities and typical wages for Austin Independent School District teachers and leavers* (DRE Publication 14.91b). Austin, TX: Austin Independent School District.
- Hutchins, S. D., Chi, W., & Neill, D.** (2014). *Evaluation of the educator effectiveness act in Colorado's largest district*. Unpublished manuscript prepared for the 2015 Annual Meeting of the American Educational Research Association.
- Hutchins, S. D., Chi, W., & Neill, D.** (2014, January 15). *Schools making strides towards effectiveness: IEG communication regarding individual educator goal progress*. Jeffco Public Schools, *The Messenger Weekly*.
- Hutchins, S. D., Chi, W., Neill, D., & MacGillivray, H.** (2014). *Systems thinking around educator effectiveness and individual growth goals: What's your school's opportunity?* Poster accepted for presentation at the 28th Annual Conference of the American Evaluation Association. Denver, Co., October 15–18, 2014.

Government Technical Reports

- Hutchins, S. D., Carolan, T. F., Plott, B. M., McDermott, P. L., & Orvis, K. A.** (2014). *Development of the 'TARGET' training effectiveness tool and underlying algorithms*

specifying training method-performance outcome relationships (ARI Research Note 2014-02). U.S. Army Research Institute for the Behavioral and Social Sciences.

Hutchins, S. D., & Plott, B. M. (2014). *Training aide: Research and guidance for effective training user guide* (ARI Research Product 2014-02). Fort Belvoir, VA: U.S. Army Research Institute for the Behavioral and Social Sciences.

Plott, B. M., McDermott, P. L., Archer, S., Carolan, T. F., **Hutchins, S. D.**, Fisher, A., Gronowski, M., Wickens, C. D., & Orvis, K. A. (2014). *Understanding the impact of training on performance* (ARI technical report 1341). Fort Belvoir, VA: U.S. Army Research Institute for the Behavioral and Social Sciences.

Hutchins, S. D., McDermott, P. L., Carolan, T. F., Gronowski, M., Fisher, A., & DeMay, M. (2013). *Interpersonal skills summary report* (ARI Research Note 2013-08). Fort Belvoir, VA: U.S. Army Research Institute for the Behavioral and Social Sciences.

Bowden, T., **Hutchins, S. D.**, Jacobs, J., Laux, L., & Peters, S. (2012). *Testing cognitive behavior with emphasis on analytical propensity of service members* (ARL-CR-690). Aberdeen Proving Ground, MD: U.S. Army Research Laboratory.

Carolan, T. F., **Hutchins, S. D.**, & Wickens, C. D. (2012a). *Guidance and exploratory learning: An exploratory meta-analysis of effects on transfer*. Submitted to ARI in consideration as a technical report. Alion Science and Technology: Boulder, CO.

Carolan, T. F., **Hutchins, S. D.**, & Wickens, C. D. (2012b). *Learner control: An exploratory meta-analysis of effects on transfer*. Submitted to ARI in consideration as a technical report. Alion Science and Technology: Boulder, CO.

Hutchins, S. D., Wickens, C. D., Carolan, T., & Cumming, J. (2012). *Error prevention training support*. Submitted to ARI in consideration as a technical report. Alion Science and Technology: Boulder, CO.

Wickens, C. D., **Hutchins, S. D.**, Carolan, T., & Cumming, J. (2012). *Effectiveness of part task training and increasing difficulty training strategies*. Submitted to ARI in consideration as a technical report. Alion Science and Technology: Boulder, CO.

Gore, B. F., Hooey, B. L., Wickens, C., Sebok, A., **Hutchins, S. D.**, Salud, E., Small, R., Koenecke, C., & Bzostek, J. (2010). *Identification of pilot performance parameters for human performance models of off-nominal events in the NextGen environment*. NASA contractor's report: NASA/CR—2010-21641, San Jose State University: San Jose, CA.

Hutchins, S. D., Cosenzo, K., Barnes, M., Feng, T., & Pillalamarri, K. (2010). *Soldier-robot teaming: effects of multimodal collaboration on team communication for robot reconnaissance* (ARL Technical Report ARL-TR-5385). Aberdeen Proving Ground, MD: U.S. Army Research Laboratory.

Alban, J., Cosenzo, K., Johnson, T., **Hutchins, S. D.**, Metcalfe, J., & Capstick, E. (2009). *Robotics collaboration army technology objective Capstone soldier experiment: Unmanned systems mobility* (TACOM/TARDEC Technical Report 20047RC). Warren, MI: US Army RDECOM-TARDEC.

Gore, B. F., Hooley, B. L., Wickens, C., Sebok, A., **Hutchins, S. D.**, Salud, E., Small, R., Koenecke, C., & Bzostek, J. (2009). *Identification of NextGen air traffic control and pilot performance parameters for human performance model development in the transitional airspace*. Final report: NRA #NNX08AE87A, San Jose State University: San Jose, CA.

Gillan, D., & **Hutchins, S. D.** (2002). *Displays for situation awareness: A study of information presentation and integration*. Technical report prepared for Micro Analysis & Design by New Mexico State University under subcontract 6004.003.01-A.

Dissertation and Thesis

Hutchins, S. D. (2015). *Theoretical analysis of the philosophy and practice of disciplined inquiry* (Doctoral dissertation). ProQuest Dissertations and Theses. (UMI No. 3706362).

Hutchins, S. D. (2007). *Exploration of an expert mental model of usability methods* (Unpublished master's thesis). New Mexico State University, Las Cruces, NM.

SCHOLARLY AWARDS

American Educational Research Association, 2019 Division H Outstanding Publication Award, Applied Research: Category 2, Program Evaluation.

American Educational Research Association, 2016 Division H Outstanding Publication Award, Applied Research: Category 1b, Applied Research Reports.

School of Education Fellowship, Colorado State University, 2008–2009.

Human Factors and Ergonomics Society, The Jerome H. Ely Human Factors Article Award for the most outstanding article in Human Factors during 2009.

FUNDING AGENCIES

U.S. Department of Education, Improving Basic Programs Operated by Local Educational Agencies Fund (Title I, Part A)

U.S. Department of Education, Teacher and Principal Training and Recruiting (TPTR) Fund (Title II, Part A)

U.S. Department of Education, Teacher Incentive Fund (TIF)

U.S. Department of Education, Teacher Quality Partnership (TQP) program

U.S. Department of Health and Human Services (DHHS), National Institutes of Health (NIH),
National Institute of General Medical Sciences (NIGMS)

The Texas Education Agency (TEA) Educator Excellence Innovation Program (EEIP)

U.S. Army Research Laboratory Human Research & Engineering Directorate (ARL/HRED)

U.S. Army Research Institute for the Behavioral and Social Sciences (ARI)

U.S. Army Tank-Automotive Research, Development and Engineering Center (TARDEC)

U.S. Air Force Research Laboratory Human Effectiveness Directorate (AFRL/HE)

National Aeronautics and Space Administration (NASA)

Federal Aviation Administration (FAA)

GRANT WORK

Grants Submitted, Pending / Not Awarded

- | | |
|------|---|
| 2025 | Proposal to evaluate the Promoting ArtSci Student Success (PASS) Program:
TAMU Gardens in Focus (pending)
Role: Co-PI |
| 2024 | Proposal to evaluate the NSF CAREER: Lichen-Mediated Self-Growing Building
Blocks for Martian Construction (not awarded)
Role: PI - Evaluation |
| 2024 | Proposal to evaluate the Workforce Development Plan for CHIPS Incentives
Program – Commercial Fabrication Facilities (not awarded)
Role: PI - Evaluation |
| 2024 | NIH Assessing and Addressing Community Exposures to Environmental
Contaminants (not awarded)
Role: Co-PI |
| 2024 | NSF S-STEM Track 3: S-STEM: BLUE-WATERSS: Blue Economy: Workforce
Advancement to Train and Educate Rising Scholars in STEM (not awarded)
Role: Senior Personnel |
| 2023 | NSF DRK-12 MentorCorps (not awarded)
Role: Co-PI |
| 2023 | NSF Advancing Informal Stem Learning (AISL) (not awarded) |

Role: Co-PI

- 2022 Transdisciplinary Research in Principles of Data Science (TRIPODS), NSF phase II (not awarded)
- 2022 Schmidt Futures in Artificial Intelligence, Postdoctoral Program (not awarded)
- 2022 Proposal to Evaluate All Components of the Contracted Slots Pilot Program (not awarded)
Role: Co-PI
- 2021 Pathways to the Doctorate (not awarded)
Role: Co-PI
- 2021 NSF Advancing Informal Stem Learning (AISL) (not awarded)
Role: Co-PI

Grants Awarded

- 2025 Evaluation of the TAMU Department of Engineering NSF Research Experiences for Undergraduates (REU) program, Interdisciplinary Research Experiences in Metrology & Inspection
Role: PI - Evaluation
Total award: \$9,000
- 2025 Evaluation of the TAMU Department of Engineering NSF IRES: Development of a Globally Engaged U.S. Workforce in Semiconductor Manufacturing by Leveraging Unique Resources in Taiwan
Role: PI - Evaluation
Total award: \$15,0000
- 2025 Evaluation of the NSF Research Traineeship (NRT) program.
Role: Senior Personnel (PI - Evaluation)
Total award: \$3,000,000; Award for evaluation: ~\$55,000
- 2025 Evaluation of the TAMU Department of Chemistry NSF Research Experiences for Undergraduates (REU) program.
Role: Other Personnel (PI - Evaluation)
Total award: \$468,473; Award for evaluation: \$35,726
- 2025 Evaluation of the NSF S-STEM: Collaborative Research: Rural Low Income Students S-STEM Investigations Network Groups Research Hub
Role: PI - Evaluation
Total award: \$180,000
- 2023 Evaluation of Aggie ACHIEVE

Role: PI - Evaluation
 Total award: \$15,000

2023 Austin Independent School District, Professional Pathways for Teachers
 Evaluation
 Role: PI
 Total award: \$11,550

2023 Evaluation of the Texas Vaccine Outreach and Education Grant
 Role: Co-PI
 Total award: \$120,000

2023 SEHD Catapult Grant, Track One. Professional Learning on Responsive
 Classroom Management and Special Education
 Role: Co-PI
 Total award: \$28,800

2023 SEHD Teaching Excellence Grant Program (TEGP). Aggies mentoring Aggies:
 establishing third space undergraduate/ EdD student partnerships.
 Role: Co-PI
 Total award: \$13,526

2022 CEHD Renew, Reinvest, & Resubmit (R3) NSF proposal. Advancing Informal
 Stem Learning (AISL)
 Role: Co-PI
 Total award: \$24,822

2022 Raise Your Hand Texas
 Role: Improvement area lead
 Total award: \$150k annually

2021 U.S. Department of Health and Human Services (DHHS), National Institutes of
 Health (NIH), National Institute of General Medical Sciences (NIGMS). IMSD at
 Texas A&M University: Initiative for Maximizing Student Diversity in
 Biomedical Sciences
 Role: Co-PI
 Total award: \$1,328,493; Award for evaluation: \$10,000

2021 Raise Your Hand Texas
 Role: Improvement area lead
 Total award: \$150k annually

2020 2020-2025 US Department of Education, Teacher Quality Partnership (TQP)
 Grant. / Teacher Education Residency Model (TERM): A Partnership among
 Local Education Agencies and Texas A&M University. Valerie Hill-Jackson (PI,

Grant Writer, + Director); Shaun Hutchins and Britine Perkins (Co-PIs) and Jerrel Moore (Co-I)

Role: Co-PI

Total award: \$13,000,000 [External - \$6,657,837 (award) + \$6,657,837 (match) = \$13,315,674.00 (Award + Match)]

PROFESSIONAL SERVICE/EXTRACURRICULAR ACTIVITIES

Student Mentoring

- 2025 *Ed.D. Scholars Guild*, faculty mentor, Texas A&M University, Department of Teaching, Learning and Culture.
- 2025 *Session Discussant*, Southwest Educational Research Association (SERA), Division VI Graduate Student Seminars for Work in Progress.
- 2024 *Session Discussant*, Southwest Educational Research Association (SERA), Division VI Graduate Student Seminars for Work in Progress.
- 2023 Presentation to Dr. Waxman's mixed methods course (EDCI 661) on core mixed methods designs on 3/27/23 and on methods of mixed methods analysis for convergent designs on 4/3/23.
- 2023 Ad hoc student mentorship on record of study research methods as a non-committee member. Worked with Danielle Solis to plan sequential explanatory mixed methods research design for the ROS.
- 2023 *Session Discussant*, Southwest Educational Research Association (SERA), Division VI Graduate Student Seminars for Work in Progress.
- 2022 Mentored Lindsay Schwartz (M.Ed.) in planning, conducting, and analyzing focus groups on RYHT research project, summer 2022.
- 2022 Ad hoc student mentorship on record of study research methods as a non-committee member. Worked with Christopher Rhodes to scope and plan a mixed methods study for the ROS. Worked with Jennifer Alexander on developing factor scores and analyzing data for the ROS. Worked with Catherine Coffey on her program evaluation approach, logic model, and evaluation questions for the ROS.
- 2021 – Present Graduate committee faculty member in Teaching, Learning, and Culture
- 2017 – Present Graduate faculty status in Teaching, Learning and Culture

Affiliations

2025–Present	Mixed Methods International Research Association (MMIRA)
2022–Present	Southwest Educational Research Association (SERA)
2020–Present	Carnegie Project on the Education Doctorate (CPED)
2015–2020	Austin Area Evaluators
2015–2020	AISD Professional Pathways for Teachers District Oversight Committee
2016–2018	American Educational Research Association (AERA)
2014–2019	Central Texas Education Researchers’ Collaborative (CTERC)
2015–2016	Anthropology Meetup Group: Central Texas
2015–2016	Austin User Experience Professionals Association (UXPA)
2013–2014	Association of Colorado Educational Evaluators (ACEE)
2001–2006	Human Factors and Ergonomics Society (HFES)

Invited Presentations

Hutchins, S. D. (2025). Developing Focused Research Projects: Linking research questions and methods to overarching frameworks. *Invited presentation, Mississippi State University S-STEM grant recipients*. December 9. College Station, TX.

Hutchins, S. D. (2025). Working with Frameworks: Analysis of theoretical and conceptual frameworks. *Invited presentation, Mississippi State University S-STEM grant recipients*. November 18. College Station, TX.

Hutchins, S. D. (2025). Writing Effective Research Questions. *Invited presentation, CEHD Academic Writing Lab*. October 10. College Station, TX.

Hutchins, S. D. & Kogut, A. (2024). Searching for Scholarly Literature. *Invited presentation, Paths to Publication Workshop*. February 22. College Station, TX.

Hutchins, S. D. (2023). The Research Process. *Invited presentation, TLAC GSA sponsored panel on the research process*. October 18. College Station, TX.

Hutchins, S. D. (2023). Heuristics for Common Mixed Methods Approaches: A review of four core mixed methods designs. *Invited presentation, EDCI 661-600 Mixed Methods in Curriculum and Instruction, Ph.D. course*. March 27. College Station, TX.

Hutchins, S. D. (2023). Merging quantitative and qualitative survey data in a convergent mixed methods design with complementary rationale using dichotomized responses and odd ratio analyses. *Invited presentation, EDCI 661-600 Mixed Methods in Curriculum and Instruction, Ph.D. course.* April 3. College Station, TX.

Hutchins, S. D. (2022). Paradigms in action: Connecting theory and practice. *Invited presentation, Bold Leaders in Urban Education (BLUE), Signature Program Professional Development.* November 18. College Station, TX.

Hutchins, S. D. (2022). A common clinical observation instrument: Presentation on final common clinical observation instrument. *Invited presentation, Counsel of Educator Preparation Programs (CEPP).* September 14, 2022. College Station, TX.

Hutchins, S. D. (2022). Development of a common clinical observation instrument and supervisor calibration training. *Invited presentation, TAMU System Community of Practice – Data meeting.* April 25, 2022. College Station, TX.

Hutchins, S. D. (2022). Update on development of a common clinical observation instrument and supervisor calibration training. *Invited presentation, Counsel of Educator Preparation Programs (CEPP).* April 14, 2022. College Station, TX.

Hutchins, S. D. (2021). A proposed cohort-based program fee structure for online education programs. *Invited presentation, Graduate program fees task force.* College Station, TX.

Hutchins, S. D. (2021). Twenty proposed items for a new common clinical observation instrument. *Invited presentation, Counsel of Educator Preparation Programs (CEPP).* April, 2022. College Station, TX.

Editorial Work

2025 Reviewer, SERA conference, Division IV: Teachers & Teacher Education, proposals for 2026 conference.

2025 Reviewer, SERA conference, Division III: Methodology, Measurement & Evaluation, proposals for 2026 conference.

2025 Reviewer, Bloomsbury Publishing, pre-revision review of sample chapters for *Leveraging Implementation Science: Building the Evidence Base for Teaching and Learning in Higher Education.*

2025 Lead Reviewer, SERA conference, 2025 SERA Outstanding Graduate Student Paper Award.

2024 Reviewer, SERA conference, Division III: Methodology, Measurement & Evaluation, proposals for 2025 conference.

- 2024 Reviewer, SAGE Publishing, pre-revision review of *A Concise Introduction to Mixed Methods Research* by John W. Creswell in preparation for its 3rd edition release.
- 2022 Reviewer, SERA conference, Division I: Ed. Admin., Policy, Leadership, and Program Evaluation, proposals for 2023 conference.
- 2022 Reviewer, SERA conference, Division III: Methodology, Measurement & Evaluation, proposals for 2023 conference.
- 2022 Reviewer, SERA conference, Division IV: Teachers and Teacher Education, proposals for 2023 conference.
- 2021 Reviewer, AERA's Division H Outstanding Paper Competition
- 2015 Reviewer, AERA's Division H Outstanding Paper Competition
- 2010 Ad-hoc reviewer, Journal of Cognitive Engineering and Decision Making

Service to the University

- 2023 2023 Graduate Community of Scholars Dinner and Dialogue, Distinguished Table Host. March 21, 2023. College Station, TX.
- 2022 2022 Graduate Community of Scholars Dinner and Dialogue, Distinguished Table Host. March 22, 2022. College Station, TX.

Service to the College of Education and Human Development

- 2024-2025 Cornerstone Framework Development Committee, Texas A&M University, College of Education and Human Development.
- 2024-2025 PK-12 Search Committee, Tenure-track Professor in Learning Technologies and Performance Systems, Texas A&M University, Department of Educational Administration & Human Resource Development.
- 2024-2025 PK-12 Search Committee, Tenure-track Professor in Learning Technologies and Performance Systems, Texas A&M University, Department of Educational Administration & Human Resource Development.
- 2023-2024 PK-12 Search Committee, Assistant/Associate Clinical Professor, Texas A&M University, Department of Educational Administration & Human Resource Development.

- 2023-2024 PK-12 Search Committee, Professor of Practice and Assistant, Texas A&M University, Department of Educational Administration & Human Resource Development.
- 2023 Raise Your Hand Texas, Committee Lead, Clinical Observation Instrument Committee, Texas A&M University, College of Education and Human Development (voluntary, non-stipend role).
- 2022 SEHD representative at the Texas A&M University System Chancellor's Summit. September 16, 2022.
- 2021–2022 Raise Your Hand Texas, Committee Lead, Clinical Observation Instrument Committee, Texas A&M University, College of Education and Human Development
- 2021 Raise Your Hand Texas, Clinical Observation Instrument Committee, Texas A&M University, College of Education and Human Development
- 2021–2022 Raise Your Hand Texas, Continuous Improvement Process Coordinator, Texas A&M University, College of Education and Human Development

Service to the Department of Teaching, Learning and Culture

- 2025-2026 TLAC Search Committee, Co-Chair, Assistant Instructional Professor, Texas A&M University, Department of Teaching, Learning and Culture.
- 2025-2026 TLAC Executive Committee, Texas A&M University, Department of Teaching, Learning and Culture
- 2025 Harrington Tower 303 Renovation Meeting Committee, Texas A&M University, Department of Teaching, Learning and Culture
- 2025 Data Literacy Workshops for C3 students (~40 students), February 28, Texas A&M University, Department of Teaching, Learning and Culture
- 2025 Clinical Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture
- 2025 Clinical Evaluation Committee, Texas A&M University, Department of Teaching, Learning and Culture
- 2025 Faculty Working Group, Clinical Evaluation and Promotion Procedures, Texas A&M University, Department of Teaching, Learning and Culture

2024-2025 TLAC Search Committee, Chair, open rank Clinical Professor in Science Education, Texas A&M University, Department of Teaching, Learning and Culture.

2024 Data Literacy Workshops for C3 students (~200 students), September 26-29, Texas A&M University, Department of Teaching, Learning and Culture

2024 Clinical Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture

2024 University Distinguished Professors award review committee, Texas A&M University, Department of Teaching, Learning and Culture

2024 Faculty Working Group, Clinical Evaluation and Promotion Procedures, Texas A&M University, Department of Teaching, Learning and Culture

2024 Clinical Evaluation Committee, Texas A&M University, Department of Teaching, Learning and Culture

2023 Ed.D. Study Abroad in Italy, trip co-lead, Ed.D. in Curriculum and Instruction, Department of Teaching, Learning and Culture

2023 Clinical Evaluation Committee, Chair, Texas A&M University, Department of Teaching, Learning and Culture

2023 Clinical Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture

2023 Lecturer Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture

2023 Collaborative for Innovation in Teaching Excellence (CITE), Advisory Board, Texas A&M University, Department of Teaching, Learning and Culture.

2023 Online Ed.D. steering committee, Texas A&M University, Department of Teaching, Learning and Culture

2023 Texas A&M Education Research Center (ERC), Interim Co-Director and Associate Director for Evaluation, Texas A&M University

2022 Clinical Evaluation Committee, Chair, Texas A&M University, Department of Teaching, Learning and Culture

2022 Clinical Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture

2022 Collaborative for Innovation in Teaching Excellence (CITE), Advisory Board, Texas A&M University, Department of Teaching, Learning and Culture.

2022 M.Ed. steering committee, Texas A&M University, Department of Teaching, Learning and Culture

2022 Online Ed.D. steering committee, Texas A&M University, Department of Teaching, Learning and Culture

2022 Texas A&M Education Research Center (ERC), Associate Director for Evaluation, Texas A&M University

2021–2022 aggieTERM search committee, Chair, aggieTERM program director, Texas A&M University, Department of Teaching, Learning and Culture

2021–2022 TTE search committee, Clinical Assistant/Associate Professor – Curriculum and Instruction, Texas A&M University, Department of Teaching, Learning and Culture

2021–2022 aggieTERM search committee, aggieTERM program manager, Texas A&M University, Department of Teaching, Learning and Culture

2021–2022 Tiger Team, Distance Education Committee, Texas A&M University, Department of Teaching, Learning and Culture

2021 Clinical Evaluation Committee, Texas A&M University, Department of Teaching, Learning and Culture

2021 Clinical Promotion and Review Committee, Texas A&M University, Department of Teaching, Learning and Culture

2021 Collaborative for Innovation in Teaching Excellence (CITE), Advisory Board, Texas A&M University, Department of Teaching, Learning and Culture.

2021 M.Ed. steering committee, Texas A&M University, Department of Teaching, Learning and Culture

2021 Online Ed.D. steering committee, Texas A&M University, Department of Teaching, Learning and Culture

- 2021 Texas A&M Education Research Center (ERC), Associate Director for Evaluation, Texas A&M University
- 2020–2021 Graduate program fees task force, Texas A&M University, Department of Teaching, Learning and Culture
- 2020 Online Ed.D. steering committee, Texas A&M University, Department of Teaching, Learning and Culture
- 2020 Texas A&M Education Research Center (ERC), Associate Director for Evaluation, Texas A&M University

Service to the Profession

- 2025-2026 *Immediate Past President*, Southwest Educational Research Association.
- 2024-2025 *President*, Southwest Educational Research Association.
- 2023-2024 *Program Chair / President-Elect*, Southwest Educational Research Association.
- 2022-2023 *Member-at-Large*, Southwest Educational Research Association.

PROFESSIONAL TRAINING AND CERTIFICATIONS

- 2025 Stop the Bleed Certification. American College of Surgeons workshop offered by the Department of Kinesiology and Sport Management, Texas A&M University. April 17, 2025.
- 2025 The Integration Imperative in Mixed Methods Research: Techniques for Robust Inquiry. Online Webinar. Mixed Methods International Research Association (MMIRA). March 31, 2025.
- 2025 Five Key Decisions for Publishing Your Mixed Methods Methodological Contributions. Online Webinar. Mixed Methods International Research Association (MMIRA). March 18, 2025.
- 2025 Developing and Demonstrating your Research Agenda for Getting a Job and Getting Promoted. Southwest Educational Research Association Conference workshop. February 19, 2025. San Antonio, TX.
- 2025 Systematic Review with Meta-Analysis: Reading the Evidence in Education. Southwest Educational Research Association Conference workshop. February 21, 2025. San Antonio, TX.

- 2024 Putting Statistical Assumptions Back in Their Place: A Guide to Nonparametric Statistics and Your Power to Make Whatever Assumptions You Want. Southwest Educational Research Association Conference workshop. February 14, 2024. Arlington, TX.
- 2023 Promoting Professional Development in Graduate Student Mentoring, GPS Workshop, TAMU Faculty Affairs, May 17, 2023.
- 2023 Craft a Teaching Impact Narrative, GPS Workshop, TAMU Faculty Affairs, May 17, 2023.
- 2023 Promotion Basics and Planning your Strategy on the Academic Professional Track, GPS Workshop, TAMU Faculty Affairs, May 16, 2023.
- 2023 Learning and Teaching the General Linear Model Through Gamification and an Open-Source Shiny Application. Southwest Educational Research Association Conference workshop. February 15, 2023. San Antonio, TX.
- 2023 Faculty Evaluation Workshop (formerly STRIPE) - 2114269, Section 9296, TAMU Faculty Affairs, February 1, 2023.
- 2023 International Travel Safety: Safe Passage Presentation - 2111728, January 24, 2023.
- 2023 U.S. Foreign Corrupt Practices Act - 2113639, January 24, 2023.
- 2022 Generating Professional Success on the Academic Professional Track, TAMU Faculty Affairs, Two-day G.P.S. Workshop, 2022.
- 2022 How to Collaborate with a Methodologist. Southwest Educational Research Association Conference workshop. February 24, 2022. New Orleans, LA.
- 2022 Online Course Quality Rubrics: OSCQR Part 1, 2022.
- 2022 Promotion & Tenure Informational Series, Understanding the Promotion Process as an Academic Professional Track (APT) Faculty Member, TAMU Faculty Affairs, 2022
- 2022 WestEd / Raise Your Hand Texas (RYHT), Continuous Improvement Webinar Series, 2022.
- 2022 Writing with P.O.W.E.R. - Increasing Your Writing Habits to Powerfully Enhance Your Writing Productivity. Southwest Educational Research Association Conference workshop. February 23, 2022. New Orleans, LA.

2021	Faculty Search Committee Workshop (formerly STRIDE) - 2113874, TAMU Faculty Affairs, September 6, 2021.
2021	WestEd / Raise Your Hand Texas (RYHT), Continuous Improvement Webinar Series, 2021.
2015	SAS Programming 2: Data Manipulation Techniques, SAS, 2015.
2014	SAS Programming 1: Essentials, SAS, 2014.
2014	SAS Enterprise Guide 2: Advanced Tasks and Querying, SAS, 2014.
2014	SAS Enterprise Guide 1: Querying and Reporting, SAS, 2014.
2011	Lean Six Sigma–Green Belt (course only), Alion University, Alion Science & Technology, 2011.
2011	Lean Six Sigma–Yellow Belt, Alion University, Alion Science & Technology, 2011.

GRADUATE STUDENT COMMITTEES

Ph.D. Chair / Co-Chair

John Ajamobe (TLAC)

Ph.D. Outside Member

John Bogan (WALE; Workforce, Adult, and Lifelong Education)

Letitia Omaboe (EPSY; Educational Psychology)

Anindita Banerjee (EPSY; Educational Psychology)

Samantha Gonzalez (EPSY; Educational Psychology)

Aliana Chavez (EPSY; Educational Psychology)

Maci Campbell (EPSY; Educational Psychology)

Sarah Lee (EPSY; Educational Psychology)

Fan Ding KNSM (Sport Management)

Hamza Benzina (EPSY; Educational Psychology)

Ph.D. Inside Member

Brittany White (TLAC) - Graduated, Spring 2025

Eric L. Rivera Rodriguez (TLAC)

Aakash Kumar (TLAC)

Nipah Onkananuwonk (TLAC)

Ed.D. Chair / Co-Chair

Choron, Valerie (cohort 8)
Darhower, Sarah (cohort 9) - Graduated, Fall 2023 - Distinguished Honor Graduate, Ed.D.
Walker, Ruthie (cohort 9) - Graduated, Fall 2022
Rodriguez, Criselda (cohort 9) - Graduated, Summer 2023
Bailey, Carson (cohort 10)
Blair, Trey (cohort 10)
Klawinsky, Leigh (cohort 11)
Farmer, Tiffany (cohort 11) - Graduated, Spring 2025
Crowley, Deborah (cohort 11) - Graduated, Spring 2025 - Distinguished Honor Graduate, Ed.D.
Bronowski, Chad (cohort 11)
Farms, LaTonya (cohort 12)
House, Meghan (cohort 12)
Bardwell, William (cohort 12)
Frances Wells (cohort 13)
Casey Koester (cohort 13)

Ed.D. Inside Member

Vestal, Brandon (cohort 8)- Graduated, Summer 2022
Coffey, Catherine (cohort 10)
Porter, Michelle (cohort 10) - Graduated, Summer 2023
Solis, Danielle (cohort 11) - Graduated, Spring 2025
Kris Smith (cohort 13)
Raymond Appleberry (cohort 13)

Ed.D. Outside Member

Kleypas, Zack (EAHR, Educational Leadership Ed.D.)

M.Ed. Chair

Barry, Kristine (Spring 2023)
Hamlin, Morgen (Spring 2023)
Ortega, Jonathan (Fall 2022)
Bernett, Hannah (Fall 2022) - Graduated, Summer 2023
Zimmerman, Dusty (Spring 2022)
LaPlant, Mallory (Fall 2021) - Graduated, Fall 2023
Victoria, Amar (Spring 2021)