

CURRICULUM VITAE

Thomas Ryan Brindle, DSc

ADDRESS 5201 Amesbury Drive, Apt #436
Dallas, TX 75206 USA

CONTACT Phone: 972-585-8835
Email: thomas.brindle@unt.edu

EDUCATION

Graduated 2023 Doctor of Science in Emergency Management
Jacksonville State University - Jacksonville, AL

Graduated 2016 Master of Science in Supply Chain Management
The University of Texas at Dallas - Richardson, TX
Honors: Graduated with Academic Honor of Recognition

Graduated 2002 Bachelor of Science in Economics
The University of Texas at Arlington - Arlington, TX

TEACHING EXPERIENCE

2022 - Present Clinical Associate Professor of Industrial Distribution
Program Director - Industrial Distribution
College of Applied and Collaborative Studies
University of North Texas - Frisco, TX

2022 - Present Adjunct Professor of Humanitarian Logistics & Emergency Management
Cal Poly Maritime Academy - Vallejo, CA

2019 - 2022 Tenure-Track Assistant Professor of Supply Chain Management
California State University Maritime Academy - Vallejo, CA

2018 - 2019 Full-Time Instructor of Operations & Supply Chain Management
Georgia Southern University - Statesboro, GA

2017 - 2018 Full-Time Instructor of Operations & Supply Chain Management
Delta State University - Cleveland, MS

TRAINING & CERTIFICATIONS

Completed 2020 Introduction to Teaching Online Using the QLT Instrument
California State University System

Completed 2020 ACUE MicroCredential: Promoting Active Learning Online
California State University System

Certified 2017 ACUE Certificate in Effective Course Design
Delta State University - Cleveland, MS

Certified 2016	APICS Certified in Transportation & Logistics (CTL) The University of Texas at Dallas - Richardson, TX
Certified 2013	HSK3 Mandarin Chinese Language Proficiency HANBAN / Confucius Institute at the University of Oklahoma

FACULTY SERVICE AND HONORS

2024 - 2025	Faculty Leadership Fellow University of North Texas – Denton, TX
2023	Created Master of Science Degree in Industrial Distribution Proposal University of North Texas - Frisco, TX
2022 - Present	Program Director - Bachelor of Science in Industrial Distribution University of North Texas - Frisco, TX
2022 - Present	CACS Curriculum Committee University of North Texas - Frisco, TX
2022 - Present	CACS Hiring Committee Member University of North Texas - Frisco, TX
2022 - 2024	University Institutional Effectiveness Committee University of North Texas - Denton, TX
2021	Created Graduate Certificate Program in Emergency Management California State University Maritime Academy - Vallejo, CA
2021	Nominated for Outstanding Teaching Award California State University Maritime Academy - Vallejo, CA
2020 - 2022	Treasurer - California Faculty Association California State University Maritime Academy Chapter
2020 – 2022	Executive Board Member - California Faculty Association California State University Maritime Academy Chapter
2019 - 2022	Academic Advisor - Dept. of International Business & Logistics California State University Maritime Academy - Vallejo, CA
2020 - 2022	Annual IANA Logistics Case-Study Competition - Faculty Advisor California State University Maritime Academy - Vallejo, CA
2019 - 2022	IBL Corps of Cadets Inventory Management Watch - Faculty Advisor California State University Maritime Academy - Vallejo, CA
2020 - 2022	Cal Maritime Foundation Scholarship Committee California State University Maritime Academy - Vallejo, CA

2017 - 2018	Academic Advisor - Commercial Aviation Logistics Program Delta State University - Cleveland, MS
2017 - 2018	Member of Academic Writing Skills Initiative Task Force Delta State University - Cleveland, MS
2017	Nominated for DSU Connected Educator Award Delta State University - Cleveland, MS

PROFESSIONAL EXPERIENCE

2014 - 2017	Economic Research Analyst City of Dallas Office of Economic Development - Dallas, TX
2012 - 2014	Program Manager TTI, Inc., A Berkshire Hathaway Subsidiary - Fort Worth, TX
2010 - 2012	Owner - Supply Chain Management Consulting Brindle Industrial Services - Fort Worth, TX
2008 - 2010	Purchasing & Planning Manager Redrock Microsystems - Roanoke, TX
2004 - 2008	Inventory Allocations Analyst / Merchandising Pier 1 Imports - Fort Worth, TX
2002 - 2004	Vendor Managed Inventory Analyst Williamson Dickie Mfg. Co. - Fort Worth, TX

PRESENTATIONS

Brindle, T., Huang, SK, Islam, T., & Kushma, J. “Using Industry Sector Entropy to Predict Economic Community Disaster Resilience.” **Poster Presentation.** 2025 Information Technology in Disaster Risk Reduction Conference. October 15 2025, Kyoto, Japan.

Brindle, T., Huang, SK, Islam, T., & Kushma, J. “Using Industry Sector Entropy to Predict Economic Community Disaster Resilience.” **Poster Presentation.** 2024 Natural Hazards Research and Application Workshop. July 14 2024, Broomfield, CO.

Jiang, SK., Huang, SK., Sun, YR., Zhao, XL., **Brindle, T.,** & Lindell, M. “Household Evacuation Decision in Response to a Late Warning During Hurricane Ian.” **Poster Presentation.** 2024 Natural Hazards Research and Application Workshop. July 14 2024, Broomfield, CO.

Brindle, T. “Using Industry Sector Entropy to Predict Economic Community Disaster Resilience: Real-world Verification from the COVID-19 Pandemic.” **Paper Presentation.** EMDS Colloquium Series. The University of North Texas College of Health and Public Service. April 16 2024, Denton, TX.

Brindle, T. and Huang, SK. “Using Industry Sector Entropy to Measure Economic Community Disaster Resilience.” **Poster Presentation.** 2023 Natural Hazards Research and Application Workshop. July 9 2023, Broomfield, CO.

Dulick, IY., Huang, SK., **Brindle, T.**, Prater, C., & Lindell, M. “Heterogeneity of Household Risk Assessments in Affecting Evacuation Decisions During Hurricane Ike.” **Poster Presentation.** 2023 Natural Hazards Research and Application Workshop. July 9 2023, Broomfield, CO.

Brindle, T. and Huang, SK. “What Catches the Eye: Examining the Use of Communication Strategies in Streaming Videos during the First Wave of the COVID-19 Pandemic in China.” **Poster Presentation.** Disaster PRIMR Conference 2023. March 5 2023, Prairie View, TX.

Brindle, T. and Huang, SK. “Household Protective Actions in Response to a Night Time Earthquake: The 2018 Eastern Taiwan Earthquake.” **Paper Presentation.** ASCE UCLA Lifelines Conference 2021-22. January 31 - February 9, 2022.

Brindle, T. “Enhancing Regional Economic Adaptive Resilience Through Supply Chain Network Modeling.” **Paper Presentation.** 2021 Natural Hazards Workshop Researchers Meeting. July 15 2021, Broomfield, CO.

Brindle, T. and Huang, SK. “Rural Household Protective Action Assessment and Willingness to take Covid-19 Vaccine.” **Paper Presentation.** 2021 Natural Hazards Workshop Researchers Meeting. July 15 2021, Broomfield, CO.

Brindle, T., Hung, TJ., Huang, SK., Wu, HC., Lin, CC., Lu, JC., & Lindell, M. “Households Immediate Response During a Night Time Earthquake.” **Poster Presentation.** 2020 Natural Hazards Research and Application Workshop. July 12 2020, Broomfield, CO.

Brindle, T., Huang, SK., Islam, T., & Kushma, J. “A Protective Action Decision Model for Inter-organizational Supply Chain Resilience (PADM-SCM).” **Poster Presentation.** 2020 Natural Hazards Research and Application Workshop. July 12 2020, Broomfield, CO.

Brindle, T. Hung, TJ., Lin, CC., Huang, SK., Wu, HC., Lu, JC., & Lindell, M. “How Households Protect Themselves during a Night Time Earthquake: A Study of the 2018 Eastern Taiwan Earthquake.” **Poster Presentation.** 2019 Natural Hazards Research and Application Workshop. July 14 2019, Broomfield, CO.

PUBLICATIONS

Huang, SK., **Brindle, T.** (2025). RAPID/Collaborative Research: Households’ Immediate Protective Actions and Trade-Off Processes between Property Security and Life Safety in Response to 2022 Hurricane Ian. **Technical Report.** Funded by National Science Foundation (SBS-2303579). Institute for Emergency Preparedness, Jacksonville State University, Anniston, AL.

Brindle, T. (2023). Using Industry Sector Entropy to Measure Economic Community Disaster Resilience: Real-World Verification from the COVID-19 Pandemic. **Dissertation.** Jacksonville State University Doctor of Science in Emergency Management Program. Dr. SK Huang, Dissertation Committee Chair. https://digitalcommons.jsu.edu/etds_dissertations/19/

Li, Y., Huang, SK., Wei, JC., **Brindle, T.**, & Lee, CY. (2023). What captures attention in the risk communication process: Exploring streaming video attractiveness during the first wave of the COVID-19 pandemic in China. **Refereed Journal Article**. *Computers in Human Behavior*. (IF=12.72). <https://doi.org/10.1016/j.chb.2023.107909>

Brindle, T., Huang, SK., Wu, HC., Lu, CL., Lin, CC., Jing, CL., Hung, TJ., & Lindell, M. (2022). Households' Protective Action in Response to a Nighttime Earthquake: The 2018 Eastern Taiwan Earthquake. **Conference Paper**. Pp. 397-410 in *Lifelines 2022: Advancing Lifeline Engineering for Community Resilience (IRP 5)*, edited by C. A. Davis, K. Yu, & E. Taciroglu: ASCE.

Brindle, T., Huang, SK., Wu, HC., Lu, JC., Lin, CC., Hung, TJ., & Lindell, M. (2020). *Household Immediate Response during a Night Time Earthquake*. **Technical Report**. National Science Foundation Granted Project CMMI-1833084. Institute for Emergency Preparedness, Jacksonville State University, Anniston, AL.

WORKING PAPERS

Brindle, T., Huang, SK., Islam, T., & Kushma, J. "Using Industry Sector Entropy to Predict Economic Community Disaster Resilience." Institute for Emergency Preparedness, Jacksonville State University, Anniston, AL.

Dulick, IY., Huang, SK., **Brindle, T.**, & Lindell, Michael K. Heterogeneity of Household Risk Assessments in Affecting Evacuation Decisions During Hurricane Ike. Institute for Emergency Preparedness, Jacksonville State University, Anniston, AL.

Sun, YY., Huang, SK., Arlikatti, S., Peterson, LR., & **Brindle, T.** Applying the Protective Action Decision Model to the COVID-19 Pandemic Response: Explaining Rural Household's Assessment of Mask Wearing Advisories.

ACADEMIC SERVICE

2025 - Present	Editorial Board Member International Journal of Mass Emergencies and Disasters
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2020 - 2022	Copy Editor International Journal of Mass Emergencies and Disasters
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2020 - Present	Reviewer - Supply Chain Management Content International Journal of Mass Emergencies and Disasters
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2018 - Present	Reviewer - Supply Chain Management Content Journal of Homeland Security and Emergency Management
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2018	Reviewer - Palin, P. (2019). <i>Out of the Whirlwind: Supply and Demand after Hurricane Maria</i> . Lanham, MD: Rowman & Littlefield.
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