

KRISTIN WEGER, Ph.D.
Clinical Associate Professor
University of Alabama in Huntsville
Kw0004@uah.edu

Academic Positions

Clinical Associate Professor of Engineering Management (2026 – present)
Dept. of Industrial & Systems Engineering and Eng. Management
The University of Alabama in Huntsville
Huntsville, AL

Associate Professor (2024 – 2025)
Assistant Professor (2018 – 2024)
Visiting Assistant Professor (January 2018 – August 2018)
Lecturer (2017 – January 2018)
Department of Psychology
The University of Alabama in Huntsville
Huntsville, AL

Related Experience

Lean Leadership Consultant (2015-2017)
External Consultant (2017-2025)
Consulted, coached, and trained Fortune 500 companies on their Lean journey
STAUFEN.AG

Human Factors and Safety Expert (2013-2015)
Managed projects regarding Human Factors and Safety for NATO and DoD customers
IABG GmbH

Education

Otto-Friedrich-University, Ph.D. (2017)
Bamberg, Germany
Psychology
Advisor: Prof. Dr. Harald Schaub
Dissertation Committee: Kai Fischbach, Dietrich Dörner, & Harald Schaub

The University of Alabama in Huntsville, M.A. (2013)
Huntsville, AL
Psychology with Specialization in Industrial & Organizational Psychology
Advisor: Dr. Sandra Carpenter

The University of Alabama in Huntsville, B.A. (2011)
Huntsville, AL
Major: Psychology

Grants & Contracts

Organizational and Behavioral Intelligence Technology. (Weger, PI, Menon, Co-PI). Funding awarded by The University of Alabama in Huntsville's Charger Innovation Fund (CIF) (May 2025 – March 2026). Total amount awarded: \$25,000.

*Advancements in Human-Systems Integration. (Mesmer, PI, Menon, Co-PI, **Weger Co-PI**, Vangsness, Co-PI, Kannan, Co-PI, Chen, Co-PI, Wooley, Co-PI) United States Army Research Office (July 2024 – July 2027). Total amount awarded: \$1,350,000*

*Development of Training (Loyd, PI, **Weger Co-PI**) Mazda Toyota Manufacturing (May 2024 – June 2026). Total amount awarded: \$139,080*

*Performance Enhancement through Human Systems Integration (HSI). (Mesmer, PI, Gholston Co-PI, **Weger, Lead Researcher**; Menon, Lead Researcher; Vangsness, Lead Researcher; Chen, Lead Researcher; Kannan, Lead Researcher; Wooley, Lead Researcher) Army – DAC. (September 2023 – September 2025). Total amount awarded: \$1,000,000*

September 2023 \$300,000

March 2024 \$250,000

May 2024 \$150,000

May 2024 \$150,00

August 2024 \$150,000

RS-25 Affordability Strategies: The Influence of NASA Culture on Affordability. Funding by NASA (May 2019 – March 2025). Total amount awarded: \$992,242

*Thomas, PI; Mesmer, Co-Lead Researcher; **Weger, Co-Lead Researcher** (January 2018- December 2022): \$759,042.*

*Thomas, PI; Mesmer, Co-I, **Weger, Co-I** (April 2023 – March 2025): \$233,200*

WRT-1078: Improving and Assessing Architectures and Architecture Decision Making.

(Mesmer, PI, Kannan, Lead Researchers, Weger, Lead Researchers) Office of the Undersecretary of Defense – Subcontract through Systems Engineering Research Center (September 2023 – April 2025). Total amount awarded: \$345,922

*Who Makes Johnny 5 Come Alive? Using Diverse Perspectives to Drive Requirements for Human-Robot Team. (**Weger, PI**; Guerin, Co-I; Jones, Co-I; Mesmer, Co-I). Funding by Naval Postgraduate School – CRUSER (September 2022 – September 2023). Total amount awarded: \$80,000.*

*Faculty Interdisciplinary Humanoid Robotics Workshop. (**Weger, PI**; Guerin, Co-I; Jones, Co-I; Mesmer, Co-I). Funding for Lunch by Northrop Grumman (September 2023). Total amount: \$714.37 (excluded from total amount).*

Testing & Evaluation for Soldier-Device Teaming Compatibility, Vulnerability, and Durability in Emergent Situations: How to assess the efficacy of AI in human-agent teams.

Funding by U.S. Army Army - Subcontract through Northeastern University. Total amount awarded: \$1,500,000

*Phase II: Mesmer, PI; Gholston, Co-PI; **Weger, Co-PI**; Menon, Co-PI;*

Tenhundfeld, Co-PI; Hanumanthrao, Co-PI (January 2023 – January 2024): \$1,200,000

*Phase I: Mesmer, PI; Gholston, Co-PI; **Weger, Co-PI**; Menon, Co-PI;*

Tenhundfeld, Co-PI (January 2022 - January 2024): \$300,00

WRT-1058: Systems Engineering Modernization Policy, Practice, and Workforce Roadmaps.

*(Mesmer, PI; **Weger, Co-PI**; Guerin, Co-PI). Funding by Office of the Undersecretary of Defense – Subcontract through Systems Engineering Research Center. (June 2021 – March 2023). Total amount awarded: \$160,000*

Formation, Implementation, and Verification of Requirements for Human-Autonomy Teaming. (**Weger, PI**; Mesmer, Co-PI; Tenhundfeld, Co-I; Jones, Co-I). Funding by *Naval Postgraduate School – CRUSER* (September 2021 – September 2023). Total amount awarded: \$140,000.

Artificial Intelligence to the Rescue: Improving Situation Awareness in Multi-Agency Disaster Response. (**Weger, PI**). Funding awarded by *The University of Alabama in Huntsville’s New Faculty Research Program (NFR)* (June 2021 – June 2023). Total amount awarded: \$10,000.

Performance Enhancement Through HCI. (Gholston, PI; Mesmer, Co-PI; **Weger, Co-PI**). Funding by *U.S. Army Research Laboratory*. (June 2021 – August 2022). Total amount awarded: \$50,000.

Performance Enhancement Through HCI. (Gholston, PI; Mesmer, Co-PI; **Weger, Lead Researcher**; Tenhundfeld, Lead Researcher; Menon, Lead Researcher). Funding by *U.S. Army Research Laboratory*.
Phase I (May 2020 – May 2021): \$150,000
Phase II (June 2021 – August 2022): \$100,000
Phase III (January 2022 – December 2022): \$120,673

ART-016 IME Architecture Study (Bryan Mesmer, PI; Collopy, Co-PI; **Weger, Lead Researcher**) Funding by *U.S. Systems Engineering Research Center (Army)*. (August 2020- September 2022). Total amount awarded: \$1,800,000.

Motivating Use of Unmanned Assets in Human-Autonomy Teaming. (Mesmer, PI; **Weger, Co-PI**; Tenhundfeld, Lead Researcher). Funding by *Naval Postgraduate School – CRUSER* (September 2020 – August 2022). Total amount awarded: \$90,000.

Autonomous Systems Adoption Challenges and Requirements Management Solutions. (Mesmer, PI; **Weger, Co-PI**). Funding by *Naval Postgraduate School – CRUSER* (September 2019 – August 2021). Total amount awarded: \$100,000.

NASA/MSFC Aerospace and Systems Engineering Program. (PI; Mesmer; **Weger, Lead Researcher**). Funding by *NASA* (June 2017 – March 2022). Total amount awarded: \$826,746; *Note: Projects listed below are subprojects funded through the NASA/MSFC grant.*

Project Factors. (PI; Mesmer; **Weger, Lead Researcher**). Funding by *NASA* (May 2020 – August 2021). Total amount awarded: \$115,321.

Project Factors. (PI; Mesmer; **Weger, Lead Researcher**). Funding by *NASA* (May 2019 – August 2020). Total amount awarded: \$79,615.

The Truth Is Funny. (PI; Mesmer; Guerin, Co-Lead Researcher; **Weger, Co-Lead Researcher**). Funding by *NASA* (May 2020 – August 2021). Total amount awarded: \$44,036.

Truth in Comedy Workshop. (PI; Mesmer; Guerin, Co-Lead Researcher; **Weger, Co-Lead Researcher**). Funding by *NASA* (June 2019 – Mai 2020). Total amount awarded: \$30,048.

Improving Engineering and Theatre through Knowledge Exchange. (Mesmer, PI; Guerin, Co-PI; **Weger, Co-PI**). Funding by *UAH – College of Engineering* (January 2019 – August 2019). Total amount awarded: \$1,500.

Identifying and Analyzing Preferences for the Next Decade of Astrophysics Part II. (Mesmer, PI; **Weger, Co-PI**). Funding by *NASA* (January 2019 – February 2019). Total amount awarded: \$11,830.

Identifying and Analyzing Preferences for the Next Decade of Astrophysics. (Mesmer, PI; **Weger, Co-PI**). Funding by *NASA* (June 2018 – August 2018). Total amount awarded: \$7,069.

Journal Publications (supervised students underlined)

- Symasek, L., Yeazitzis T., Weger, K., & Mesmer, B. (February, 2025). Recent Developments in Individual Difference Research to Inform the Adoption of AI Technology. *Journal of Systems*. 13(3),156. <https://doi.org/10.3390/systems13030156>
- Weger, K.** & Leder, S. (February, 2025). Building Bridges in Remote Teams Through Cultural Awareness and Reflexivity. *Journal of Advanced Management Science*
- Yeazitzis, T., White, C., Eaton, C., Weger, K., Mesmer, B., & Thomas, D. (January, 2025). Survey Responses Regarding Affordability Culture in NASA MSFC. *The Journal of Engineering Management*
- Moore, N., Weger, K., Gholston, S., & Menon, V. (2024). The Baldrige Analysis of Performance and Leadership. *Journal of Management and Engineering Integration*, 17 (2),24. 10.62704/10057/28463.
- Yeazitzis, T., Weger, K., Mesmer, B., Clerkin, J., & Van Bossuyt, D. (2023). Biases in Stakeholder Elicitation as a Precursor to the Systems Architecting Process. *Journal of Systems*, 11(10), 499.
- Weger, K.**, Matsuyama, L., Zimmerman R., Mesmer, B., Van Bossuyt, D., Semmens, R., & Eaton, C. (2023). Insight into User Acceptance and Adoption of Autonomous Systems in Mission Critical Environments. *International Journal of Human-Computer Interaction*, 39(7), 1423-1437. doi.org/10.1080/10447318.2022.2086033.
- Weger, K.**, Leder, S., & Mesmer, B. (2023). Eliciting and Exploring Large-Scale Group Preferences to Gain Insight into Group Representation and Convergence. *Int. Journal of Project Organisation and Management*, doi:10.1504/IJPOM.2023.10056537.
- Atchley, A., Barr, H.M., O'Hear, E., Weger, K., Mesmer, B., Gholston, S., & Tenhundfeld, N.L. (2023). Trust in Systems: Identification of 17 Unresolved Research Questions and the Highlighting of Inconsistencies. *Journal of Theoretical Issues in Ergonomics Science*.
- Banks, A., Eaton, C., Bates, M., Matsuyama, L., Palma, G., Guerin, A., Weger, K., Mesmer, B., & Friedrich, D. (2023). Insights from an Improvisational Theatre Intervention at NASA. *Journal of Systems Engineering*.
- Weger, K.**, Menon, V., Hollingsworth, A., & Schaub, H. (2022). Information Sharing Behaviors in Text-based Communication during Emergency Response, 20(6), 499-516. *Journal of Emergency Management*, 10.5055/jem.0731
- Weger, K.**, Leder, S., Mesmer, B., Menon, V., & Schaub, H. (2022). How Effectively Do We Communicate? An Analysis of Team Reflexivity in Transition and Action Phases during Team Collaboration. *IEEE Transactions on Professional Communication*, 65(3), 10.1109/TPC.2022.3186773
- Eaton, C., Banks, A., Weger, K., Mesmer, B., & Moreland, R. (2022). Understanding Perceived Influencers on Project Outcomes and Quantifying Disciplinary Similarities in Academic Literature. *Systems Research and Behavioral Science*. IF: 3.64
- Eaton, C., Patel, S., Glandon, K., Weger, K., Mesmer, B., & Moreland, R. (2022). Legacy of Faster, Better, Cheaper Repeated? Cost, Schedule, and Performance Objectives: Understanding the Continuing Impact of NASA Policy on Perceptions of Failures. *Journal of Space Policy*.
- Tenhundfeld, N.L., Barr, H.M., O'Hear, E.H., & Weger, K. (2022). Is My Siri the Same as Your Siri? An Exploration of Users' Mental Model of Virtual Personal Assistants, Implications for Trust. *IEEE Transactions on Human-Machine Systems*.

- Weger, K., Martin, C., Leder, S., & Mesmer, B.** (2021). Identifying and Analyzing Astronomers' Preferences for the Next Decade of NASA. *Bulletin of the AAS*. IF: 1.1
- Palma, G., Mesmer, B., Guerin, A., & **Weger, K.** (2021). Identifying Multidisciplinary Metrics to Analyze NASA Case Studies. *IEEE Transactions on Professional Communication*.
- Palma, G., Mesmer, B., **Weger, K.**, & Guerin, A. (2020). The Impact of Backstory Structure Type on Case Study Effectiveness. *International Journal of Teaching and Case Studies*.
- Weger, K.** (2018). A Classification System of Behavior Indicators Exhibited In Team Communication: The Intricate Role of Team Reflexivity on Team Cognition, Regulatory Processes, and Performance. *Bamberg, GE: OPUS*.

Peer-Reviewed Conference Proceedings (Note: supervised students underlined)

- Sullivan, V., & **Weger, K.** (2025). Transparency and explainability in AI-assisted decision making: Effects on trust, perceived reliability, confidence, and ease of understanding. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 69(1), 1827–1833. <https://doi.org/10.1177/10711813251369473>
- Yeazitzis, T., & **Weger, K.** (2025). Organizational Behaviors and Their Impacts on Financial Resources. *Institute of Industrial and Systems Engineers Conference*, Atlanta, Georgia, May 31 – June 3, 2025.
- Symasek, L., Yeazitzis, T., **Weger, K.**, Guerin, A., Jones, N., & Mesmer, B. (2025). Requirement Preferences for Humanoid Robotics by Expert Discipline. *AIAA SciTech*, Orlando, FL January 2025.
- White, C., Eaton, C., Yeazitzis, T., Falcon, A., Perner, D., Mesmer, B., **Weger, K.** & Thomas, L. D. (2025). Inconsistent Interpretations of an “Ility” in Practice: A Survey of Affordability Definitions within NASA MSFC. *AIAA SciTech*, Orlando, FL January 2025.
- Yeazitzis, T., **Weger, K.**, Mesmer, B. & Thomas., D. (2024). Proposing a Socio-Technical Framework for Affordability. Proceedings of *ASEM International Annual Conference*, November 2024.
- Nguyen, D., Yeazitzis, T., & **Weger, K.** (2024). Shared Leadership Emergence within Design Teams. Proceedings of *ASEM International Annual Conference*, October 2024.
- Weger, K.** & Yeazitzis, T. (2023). Conceptualizing a Socio-Technical Model for Evaluating AI-driven Technology. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting 2023*.
- Moore, N., Yeazitzis, T., **Weger, K.**, & Mesmer, B. (2023). Stakeholder Elicitation for Robot Design. Proceedings of *ASEM International Annual Conference*, October 2023.
- Yeazitzis, T., White, C., Eaton, C., **Weger, K.**, Mesmer, B. & Thomas, L. D. (2023). Student Employee Perspectives of Affordability Based on Organization Size. In *Proceedings of ASEM International Annual Conference*, October 2023.
- White, C., Yeazitzis, T., Eaton, C., **Weger, K.**, Mesmer, B. & Thomas, L. D. (2023). Employee Perspectives of Affordability Practices in Organizations. In *Proceedings of ASEM International Annual Conference*, October 2023.
- Atchley, A., O'Hear, E.H., Barr, H.M., Cotter, J.E., Hamblin, B., Oswald, G., Mesmer, B., **Weger, K.**, Gholston, S., Menon, V., Demir, M., & Tenhundfeld, N.L. (2023). How Do Blame Attributions Impact Trust in Complex Environments? In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting 2023*.
- Cotter, J.E., Tenhundfeld, N.L., Barr, H.M., Atchley, A., Memser, B., **Weger, K.**, Menon, V., & Gholston, S. (2023). A New Framework for an Old Idea: Overhauling Reliability to

- Meet Current and Future Needs. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting 2023*.
- Menon, V., **Weger, K.**, Mesmer, B., & Gholston, S. (2023). Potential of AI in Understanding the Relationship between Human Team Dynamics and Situational Awareness in Human Machine Systems. In *Proceedings of 2023 IEEE Conference on Systems, Man, and Cybernetics (SMC)*
- Schwalb, J., Sung, E., Menon, V., **Weger, K.**, Tenhundfeld, N.L., Mesmer, B., Gholston, S. and Davis, T. (2023). An Investigation of Human Behaviors within Human-AI Teams using Virtual Environments. In *Proceedings of 2023 IEEE on Systems, Man, and Cybernetics (SMC)*
- Sathi, N., Yeazitzis, T., **Weger, K.** & Mesmer, B (2023). Employee Perceptions of Cultural Wants and Barriers to Affordability in an Organization. In *Proceedings of the Annual Systems and Information Engineering Design Symposium (SIEDS) Conference*.
- Cotter, J.E., Tenhundfeld, N.L., Barr, H.M., Atchley, A., Memser, B., **Weger, K.**, Menon, V., & Gholston, S. (2023). Preliminary Investigation Evaluating Whether Discrepancies Exist Between Governmental Agencies Regarding the Definition of Reliability. In *Proceedings of the Annual Joint Army Navy NASA Air Force (JANNAF) Conference*.
- Yeazitzis, T., White, C., Eaton, C., **Weger, K.**, & Mesmer, B. (2023). Affordability: Comparing Perspectives of NASA MSFC to Industry. In *Proceedings of the AIAA SciTech Forum*.
- Weger, K.**, Leder, S., Eaton, C., Bathia, S. & Mesmer, B. (2022). Illustrating the Importance of Understanding Preferences in Multi-stakeholder System Development Projects through Vignettes. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting*.
- Weger, K.**, Easley, T., Branham, N., Tenhundfeld, N. & Mesmer, B. (2022). Individual Differences in the Acceptance and Adoption of AI-enabled Autonomous Systems. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting*.
- Cortelli, R. & **Weger, K.** (2022). Psychological Attributes in Future Spaceport Concepts. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting*.
- O'Hear, E., Atchley, A., Gholston, S., **Weger, K.**, Mesmer, B., & Tenhundfeld, N. (2022). System-Wide Trust: The Impact of an Error in a Multi-component System. In *Proceedings of the Annual Human Factors and Ergonomics Society Conference*.
- Menon, V., **Weger, K.**, Mesmer, B., & Gholston, S. (2022). Using Big Data Analytics for Sentiment Analysis to Explore the Team Communication Dynamics in Human Machine Interactions for Situational Awareness and Mission Success. In *Proceedings IEEE International Conference on Human-Machine Systems (ICHMS)*.
- Schwalb, J., Menon, V., Tenhundfeld, N.L., **Weger, K.**, Mesmer, B., & Gholston, S. (2022). A Study of Drone-based Explainable AI for Enhanced Human-AI Trust and Informed Decision Making in Human-AI Interactive Virtual Environments. In *Proceedings IEEE International Conference on Human-Machine Systems (ICHMS)*.
- Pham, P., Menon, V., Tenhundfeld, N.L., **Weger, K.**, Mesmer, B., Gholston, S., & Davis, T. (2022). A Case Study of Human-AI Interactions Using Transparent AI-Driven Autonomous Systems for Improved Human-AI Trust Factors. In *Proceedings IEEE International Conference on Human-Machine Systems (ICHMS)*.
- Schwalb, J., Menon, V., Tenhundfeld, N.L., **Weger, K.**, Mesmer, B., & Gholston, S. (2022). Cooperative Objective Control: Examining Human-AI Teaming Interactions and Their Impact on the Adoption of AI Systems. In *Proceedings of the 11th Southeast Symposium on Contemporary Engineering Topics (SSCET)*.
- Pham, P., Menon, V., Tenhundfeld, N.L., **Weger, K.**, Mesmer, B., & Gholston, S (2022). Feasibility of AI-Driven Autonomous Systems for Target Detection in Operational

- Environment in Army Missions. In *Proceedings of the 11th Southeast Symposium on Contemporary Engineering Topics (SSCET)*.
- Yeazitzis, T., Weger, K., Clerkin, J. & Mesmer, B. (2022). Heuristics and Biases in Systems Architecture. In *Proceedings of the annual Systems and Information Engineering Design Symposium (SIEDS) Conference*.
- Leder, S., Weger, K., & Mesmer, B. (March 2022). An Analysis on the Factors Affecting Undergraduate Interdisciplinary Research Programs. In *Proceedings of the annual Systems and Information Engineering Design Symposium (SIEDS) Conference*.
- Barr, H.M., Smitherman, R.C., Weger, K., Mesmer, B.L., Menon, V., Semmens, R., Van Bossuyt, D. & Tenhundfeld, N. (2022). Use, Acceptance, and Adoption of Automated Systems with Intrinsic and Extrinsic Motivation Based Incentive Mechanisms. In *Proceedings of the annual Systems and Information Engineering Design Symposium (SIEDS) Conference*.
- Falcon, A., Yeazitzis, T., White, C., Weger, K., & Mesmer, B. (2022). What Does It Mean to Be Affordable? Preliminary Results from a Survey of NASA MSFC Personnel, *Proceedings of the AIAA SciTech Forum*.
- Flynn, M., Smitherman, H.M., Weger, K., Mesmer, B., Semmens, R., Van Bossuyt, D., & Tenhundfeld, N.L. (2021). Incentive Mechanisms for Acceptance and Adoption of Automated Systems. In *Proceedings of the annual Systems and Information Engineering Design Symposium (SIEDS) Conference*.
- Matsuyama, L., Zimmerman, R., Eaton, C., Weger, K., Mesmer, B., Tenhundfeld, N.L., Van Bossuyt, D., & Semmens, R. (2021). Determinants that are believed to influence the acceptance and adoption of mission critical autonomous systems. In *Proceedings of the AIAA SciTech Forum*.
- Banks, A., Matsuyama, L., Eaton, C., Palma, G., Guerin, A., Mesmer, B., Weger, K., & Friedrich, D. (2021). The Truth is Out There: Insights from Improv with NASA. In *Proceedings of the AIAA SciTech 2021 Forum*.
- Eaton, C., Banks, A., Mesmer, B., & Weger, K. (2020). Observing Inconsistencies in Engineering Failure Classification Schemes, In *Proceedings of the ASEM 2020 International Annual Conference*.
- Eaton, C., Banks, A., Mesmer, B., & Weger, K. (2020). A Review of System Failure Classification Schemes. In *the Proceedings of the AIAA SciTech Forum*.
- Palma, G., Mesmer, B., Guerin, A., & Weger, K. (2019). Developing the “Trading Places” Boot Camp: Sharing Knowledge Between Theatre and Engineering. In *the Proceedings of the AIAA SciTech Forum*.
- Bhatia, G., Mesmer, B., & Weger, K. (2018). Mathematical Representation of Stakeholder Preferences for the SPORT Small Satellite Project. In *Proceedings of AIAA SciTech Forum*. doi/10.2514/6.2018-0708
- Schaub, H., Norton, S. & **Weger, K.** (2014). Safety Culture for Organizations, Processes, and Humans. In *Proceedings of the VDA Automotive SYS Conference*.
- Weger, K., & Carpenter, S.** (2012). Shared Situation Awareness in Complex Aerospace Environments with Communication Technology Disruption. In *the Proceedings of the 63rd International Astronautical Congress*.
- O'Brien, M. A., **Weger, K.**, DeFour, M. E., & Reeves, S.M. (2011). Examining the Role of Age and Experience on Use of Knowledge in the World for Everyday Technology Interactions. In *Proceedings of the 55th Annual Human Factors and Ergonomics Society Meeting*. <https://doi.org/10.1177/1071181311551037>

Weger, K. (2024). Human Factors in Computing. In S. Alexander, K.H. Frith & Templeton-Carter. *Applied Clinical Informatics for Nurses (3rd Ed.)*(pp. 47-76). Burlington, MA: Jones and Bartlett Learning.

Technical Reports

Cotter, J., Atchley, J., Barr, H., **Weger, K.**, Mesmer, B., Menon, V., Gholston, S., Tenhundfeld, N., "A Review of Reliability and Introduction of a Hierarchical Objective Reliability Tree (HORT) for Conceptualization", U.S. Army

Schwalb, J., Lear, A., Menon, V., **Weger, K.**, Tenhundfeld, N., Mesmer, B., Gholston, S., "A Practical Guide for XAI Model Design Selection: Analysis and Overview of Explainability Facets in AI/ML Models", U.S. Army

Conference Presentations (No Paper) (Note: supervised students underlined)

Powell, R., Symasek, L., **Weger, K.**, & Mesmer, B. (2024). Individual Differences in the Acceptance of AI Technology. Society of Reliability Engineers RAM XVI 2024 Training Summit, Huntsville, AL.

Sullivan, G., **Weger, K.**, Menon, V., & Mesmer, B. (2024). AI age of RAM. Society of Reliability Engineers RAM XVI 2024 Training Summit, Huntsville, AL.

Yeazitzis, T., **Weger, K.**, & Mesmer, B., (2024). Organizational Behaviors and Their Impact on Financial Resources. Industry, Engineering, and Management Systems Conference, Orlando, FL.

Moore, N., **Weger, K.**, Menon, V., & Gholston, S. (2024). The Baldrige Analysis of Performance and Leadership. Industry, Engineering, and Management Systems Conference, Orlando, FL.

Weger, K. (2023). Cracking the Code of Failed Digital Transformations: Key Insights and How to Succeed. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville, AL.

Yeazitzis, T., **Weger, K.**, Mesmer, B., Thomas, L.D. (2023). Affordability Culture in Organizations. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville, AL.

Moore, N., Yeazitzis, T., **Weger, K.**, & Mesmer, B. (2023) Stakeholder Elicitation for Autonomous Robotic Systems Design for Mission Critical Environments. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville, AL.

Symasek, L. & **Weger, K.** (2023). Individual Differences in the Adoption of Technology. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville AL.

Nguyen, D., & **Weger, K.** (2023). Leadership Emergence Within Design Teams. ASEM 2023 International Annual Conference.

Weger, K., Leder, S., Casey, E., Bhatia, G., and Mesmer, B. (2022). Illustrating Preferences in Multi-stakeholder System Development Projects. ASEM 2022 International Annual Conference.

Cotter, J.E., Barr, H.M., Atchley, L., **Weger, K.**, Menon, V., Mesmer, B., Gholston, S., & Tenhundfeld, N.L. (2022). Assessment of Reliability in Autonomous Systems from Multiple Disciplines. Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.

- Yeazitzis, T., Weger, K. & Mesmer, B. (2022). Biases in Stakeholder Elicitation as a Precursor to the Architecting Process. Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.
- Leder, S., Weger, K. & Mesmer, B. (2022). Requirements Formation in Interdisciplinary Teams. Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.
- Schwalb, J., Menon, V., Tenhundfeld, N., Weger, K., Mesmer, B., & Gholston, S. (2022). Understanding Human-AI Teaming Performance using Autonomous Systems in Virtual Environments. Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.
- Sung, E., Menon, V., Weger, K., Tenhundfeld, N.L., Mesmer, B., & Gholston, S. (2022). Evaluation of AI-based Drone Assistive Automation Systems in Search and Rescue Missions in a Simulated Environment, Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.
- Pham, D., Menon, V., Weger, K., Tenhundfeld, N., Mesmer, B., Gholston, S. (2022), Analysis of AI-Driven UAV Autonomous System Simulation for Use in Hostage Rescue Scenarios, Society of Reliability Engineers RAM XIV 2022 Training Summit, Huntsville, AL.
- Gholston, S., Menon, V., **Weger, K.**, Davis, T., and Wright, N. (2022). *Qualitative Analysis of the Performance Excellence Model using Data Science*. ASEM 2022 International Annual Conference.
- Menon, V., Gholston, S., **Weger, K.**, & Lambo, J. (2022). *Exploring the Relationship between Leadership and High-Performance Organization in the Baldrige Excellence Model Using Big Data Analytics*. IISE Annual Conference and Expo
- Weger, K.**, Tenhundfeld, N.L., Menon, V., Mesmer, B., & Gholston, S. (2021). *Insight into the Acceptance and Adoption of Autonomous Systems by Military Personnel*. Talk given at the Reliability and Maintainability (RAM) Training Summit, hosted by Huntsville chapter of Society of Reliability Engineers, Huntsville, AL.
- Tenhundfeld, N.L., **Weger, K.**, Menon, V., Mesmer, B., & Gholston, S. (2021). *Teaming and Trust: Influences of Design on Operator Cognition*. Talk given at the Reliability and Maintainability (RAM) Training Summit, hosted by Huntsville chapter of Society of Reliability Engineers, Huntsville, AL.
- Menon, V., Tenhundfeld, N.L., **Weger, K.**, Mesmer, B., & Gholston, S. (2021). *Comprehensive Study on the Use of AI-Driven Autonomous Systems in Dynamic Environments for Military Applications*. Talk given at the Reliability and Maintainability (RAM) Training Summit, hosted by Huntsville chapter of Society of Reliability Engineers, Huntsville, AL.
- Matsuyama, L., Weger, K., Mesmer, B., Tenhundfeld, N.L., Van Bossuyt, D., & Semmens, R. (2020). *Autonomous Systems Adoption Challenges and Requirements Management Solutions*. Presentation given at JIFX 20-4 Technology Expo, Online.
- White, C., Weger, K., Mesmer, B., (2020). *Examining Subcultures in Engineering Organizations*, IISE Annual Conference and Expo 2020, Online.
- Martin, C., Weger, K., Mesmer, B. (2019). *Assessing affordability culture in NASA*. Society of Reliability Engineers RAM Training Summit XII, Huntsville, AL,
- Eaton, C., Banks, A., Mesmer, B., Weger, K. (2019). *What causes failures in projects? Analyzing factors in failure classification schemes*. Society of Reliability Engineers RAM Training Summit XII, Huntsville, AL
- Banks, A., Guerin, A., Mesmer, B., Weger, K. (2019). *Can they say that? Uncovering hidden truths through improv theater*. Society of Reliability Engineers RAM Training Summit XII, Huntsville, AL

Weger, K., & Carpenter, S. (2013). The Effect of Guided Reflexivity on Team Communication: Transactive Memory and Situation Awareness. *8th Annual Interdisciplinary Network for Group Research Conference*, Atlanta, GA.

Poster Presentations (Note: supervised students underlined)

- Wright, D., Menon, V., **Weger, K.**, & Mesmer, B. (2025). Augmented Reality Hostage Rescue Simulation: Bridging AI Explanations and Human Decision-Making, *UAH Graduate Poster Session*. Huntsville, AL.
- Gupta, S., Menon, V., **Weger, K.**, & Mesmer, B. L. (2025). An Investigation of Transparent Methods for Improved Human-AI Trust and Reliability in AI-Driven Autonomous Systems Applications. *UAH Graduate Poster Session*. Huntsville, AL.
- May, L. & **Weger, K.** (2025). Examining Generational Preferences During The Job Recruitment & Interviewing Process. *UAH Research Horizons*, Huntsville, AL.
- Adhami, S. & **Weger, K.** (2025). Understanding Employee Retention Through Workplace Behaviors and Demeanors. *UAH Research Horizons*, Huntsville, AL.
- May, L. & **Weger, K.** (2024). The Summer in L&D: My Internship Experience. *RCIO Psychology Conference*, Chattanooga, TN.
- Symasek, L., May, L. & **Weger, K.** (2024). Gender Perceptions of Humanoid Robotics in a High-Stress Environment. *UAH Research Horizons*, Huntsville, AL.
- Adhami, S., Yeazitzis, T., & **Weger, K.** (2024). An Evaluation of Concepts Related to Affordability in Military Domains. *UAH Research Horizons*, Huntsville, AL.
- Yeazitzis, T., Nguyen, D., May, L., **Weger, K.**, Mesmer, B., & Thomas, L.D. (2023). Student Perspectives of Affordability for Workforce Onboarding. *RCIO Psychology Conference*, Chattanooga, TN.
- Weger, K.**, & Yeazitzis, T. (2023). Conceptualizing a Socio-technical Model for Evaluating AI-driven Technology. In *Annual Meeting of HFES*, Washington, DC
- Yeazitzis, T., & **Weger, K.** (2023). Biases in Stakeholder Elicitation as a Precursor to the Architecting Process. *UAH Graduate Poster Session*, Huntsville, AL.
- Cotter, J., Barr, H., Atchley, J., **Weger, K.**, Mesmer, B., Menon, V., Gholston, S., & Tenhundfeld, N., (2023). A New Framework for an Old Idea: Overhauling Reliability to Meet Current and Future Needs, *UAH Graduate Poster Session*, Huntsville, AL.
- Leder, S., **Weger, K.**, & Mesmer (2023). Examining Undergraduate Student Interdisciplinary Capstone Research Experiences. *UAH Graduate Poster Session*, Huntsville, AL.
- Atchley, J., O'Hear, E., Barr, H., Cotter, J., Hamblin, B., Oswald, G., Mesmer, B., **Weger, K.**, Gholston, S., Menon, V., Demir, M., & Tenhundfeld, N. (2023). General Loss of Trust in Complex Environments, *UAH Graduate Poster Session*, Huntsville, AL.
- Moore, N., & **Weger, K.** (2023). Stakeholder Preference for an Autonomous Robot by Context. *UAH Research Horizons*, Huntsville, AL.
- Wiersig, F., Wilkerson, C., Zimmerman, R., Bright, A., Manges, C., Fry, J., Mesmer, B., **Weger, K.**, & Leder, S. (2023), INCLUDE: Robot Capture the Flag, *UAH E-Week Engineering Showcase 2023*, Huntsville, AL.
- Easley, T., **Weger, K.**, Branham N., & Wilson, E. (2022) Individual Differences in the Acceptance and Adoption of Highly Automated Systems, *SEPA*, Hilton Head Island, SC.
- Zimmerman, R., Danh, M., Leder, S., **Weger, K.**, & Mesmer, B. (2022). Factors Contributing to the Willingness to Accept and Adopt Autonomous Systems. *SEPA*, Hilton Head Island, SC.

- Branham, N., Easley, T., Hornyak, B., Painter, R., Rigsby, T., Weger, K., Leder, S., Mesmer, B., Jones, N., Menon, V., Fahimi, F., Loyd, N., Argentina, V., & Taylor, C. (2022). Interdisciplinary Undergraduate Experience (INCLUDE): Addressing the Design of an Autonomous Robot Through an Interdisciplinary Lens, *UAH Research Horizons*, Huntsville, AL. – **First Place**
- Mohammed, A., Menon, V. & Weger, K. (2022). Understanding Team Behavior and Response in Stressful Situations. *UAH Research Horizons*, Huntsville, AL. – **First Place**
- Yeazitzis, T., Falcon, A. K., Weger, K., & Mesmer, B. (2022). Non-Financial Aspects of Affordability Improvement at NASA, *UAH Graduate Research Session*, Huntsville, AL. – **Second Place**
- Falcon, A.K., Yeazitzis, T., White, C., Weger, K., Mesmer, B., & Thomas, L. D. (2022). Improving Affordability Through the Eyes of Industry, *UAH Graduate Research Session*, Huntsville, AL.
- Easley, T., Branham N., Wilson, E., & Weger, K. (2022). Individual Differences in the Acceptance and Adoption of Autonomous Systems, *UAH Research Horizons*, Huntsville, AL.
- Zimmerman, R., Danh, M., & Weger, K. (2022). Factors Contributing to the Willingness to Accept and Adopt Autonomous Systems. *UAH Research Horizons*, Huntsville, AL.
- Leder, S., Weger, K., & Mesmer, B. (2022). Examining Undergraduate Student Interdisciplinary Capstone Research Experiences, *UAH Graduate Research Session*, Huntsville AL.
- Leder, S., Weger, K., & Mesmer, B. (2021) Identifying and Analyzing Astronomers' Preferences for the Next Decade of NASA. *RCIO Psychology Conference*, Chattanooga, TN.
- Yeazitzis, T., Falcon, A.K., & Weger, K. (2021). Non-Financial Aspects of Perceived Affordability Improvement. *RCIO Psychology Conference*, Chattanooga, TN.
- Falcon, A.K., Yeazitzis, T., White, C., Weger, K., Mesmer, B., & Thomas, L. D. (2021). Improving Affordability Through the Eyes of Industry. *14th Von Braun Memorial Symposium*
- Leder, S., & Weger, K. (2021). The Benefits of Team Reflexivity in Diverse Remote Teams. *UAH Research Horizons, Virtual*. – **First Place**
- Cortelli, R., Weger, K., & Mesmer, B. (2021). Psychological Attributes in Future Spaceport Concepts. *UAH Research Horizons, Virtual*. – **Second Place**
- Nguyen, D., & Weger, K. (2021). Leadership emergence and communication. *UAH Research Horizons, Virtual*.
- Zimmerman, R., Matsuyama, L., Weger, K., & Mesmer, B. (2021). Insight into the Acceptance and Adoption of Autonomous Systems by Military Personnel. *UAH Research Horizons, Virtual*.
- Shipman, A., Cortelli, R., Flint, A., Simon, H., Bass, H., Berhow, E., Atchley, A., Travis, M., Mesmer, B., Weger, K., Argentina, V., Jones, N., & Hsu, L. (2021). Interdisciplinary Undergraduate Experience (INCLUDE): Conceptualizing a Space Ecosystem, *UAH Research Horizons, Virtual*.
- Eaton, C., McGukin, R., Gearhardt, L., Mesmer, B., Weger, K. (2021). Using a Failure Classification Scheme to Better Understand NASA Case Studies, *UAH Research Horizons, Virtual*.
- Theut, J., Weger, K., & Jones, R. (2020). Growing and Sustaining Effective Leadership. *UAH Research Horizon*, Huntsville, AL.
- Matsuyama, L., & Weger, K. (2020). Ups and Downs of Applied Psychology in the Elevator Industry. *Research Horizon Day*, Huntsville, AL.

- Theut, J., & **Weger, K.** (2019). Growing and Sustaining Effective Leadership. *RCIO Psychology Conference*, Chattanooga, TN.
- Nguyen, D., **Weger, K.**, Jones, R., Matsuyama, L., & Stough, S. (2019). The Role of Personality, Coaching, and Group Preference in Relation to Leadership Effectiveness. *RCIO Psychology Conference*, Chattanooga, TN.
- Martin, C., & **Weger, K.** (2019). Preference and Decision Making in Large Scale Communities. *RCIO Psychology Conference*, Chattanooga, TN.
- Matsuyama, L., & **Weger, K.** (2019). Ups and Downs of Applied Psychology in the Elevator Industry. *RCIO Psychology Conference*, Chattanooga, TN.
- Sullivan, J., White, C., **Weger, K.**, & Mesmer, B. (2019). An investigation of NASA affordability culture and implications on engineering management. *12th Wernher von Braun Memorial Symposium*, Huntsville, AL.
- Martin, C., & **Weger, K.** (2019). Preferences and Decision Making in Multi-agency Projects. *UAH Research Horizon*, Huntsville, AL. – **Third Place**
- Stough, S., & **Weger, K.** (2019). Communication Style and Effectiveness on Leadership Development and Coaching. *UAH Research Horizon*, Huntsville, AL.
- Weger, K.**, Jones, R., Matsuyama, L., Buford, M., Prince, J., & Stough, R. (2018). Organizational alignment through leadership proficiency and human system interventions. *RCIO Psychology Conference*, Chattanooga, TN.
- Mesmer, B., & **Weger, K.** (2018). Identifying and analyzing preferences for the next decade of astrophysics. I-Poster presented at the AAS Conference, Denver, CO.
- Weger, K.** (2012). Developing leadership in the aerospace industry. *5th Wernher von Braun Memorial Symposium*, Huntsville, AL.
- Weger, K.**, & Nunzes, R. (2012). Virtual team performance: The effect of reflexivity on team cognition. *RCIO Psychology Conference*, Chattanooga, TN.
- Weger, K.**, & O'Brien, M. (2012). Understanding younger and older adults' preferences for learning to use everyday technologies. *Cognitive Aging Conference*, Atlanta, GA.

Invited Talks

- Menon, V., & **Weger K.** (2025). *Human-Centric Artificial Intelligence for Predictive Performance Modeling and Decision Optimization*. SMD Conference, Huntsville AL.
- Weger K.**, & Menon, V., (2025). *AI-Driven Performance Prediction*. 2025 AI Symposium: Automation vs HITL, U.S. Space and Rocket Center, 2025.
- Weger K.** (2025). *AI Enabled Systems*. AI Symposium: Automation vs HITL, U.S. Space and Rocket Center, 2025.
- Weger K.** (2024). *Navigating the AI Landscape*- Circle LLC, Keynote Speaker, Small Business Development Center & APEX Accelerator, 2024.
- Weger, K** (2023). *Change and Leadership in the Architecting Process*. The SERC Applied Architecture Workshop, Army, Huntsville, AL.
- Weger, K** (2023). *Biases in Stakeholder Elicitation as a Precursor for the Architecting Process*. The SERC Applied Architecture Workshop, Army, Huntsville, AL.
- Weger, K** (2021). *The Balancing Act on How to Prevent Burnout!* ELEVATE, Student Leadership Conference. The University of Alabama in Huntsville, AL.
- Van Bossuyt, D., Semmens, R., Mesmer, B., & **Weger, K.** (2021). *How to Build Human-Autonomy Teams: Enabling Requirements, Adoption, and Verification*. CRUSER Monthly Meeting, Virtual.
- Moreland, R., Barshi, I., Eaton, C., Gearhardt, L., Leitner, J., Liley, S., McGukin, R., Mesmer, B., Olejniczak, J., Quijada, M., & **Weger, K.**, (2021). *Project Factors: A Digital*

Classification System to Assess Project Failures – Approaches, Insights, and Next Steps. NASA NESC Academy Human Factors Technical Discipline Team Meeting, Virtual.

Eaton, C., Banks, A., Mesmer, B., **Weger, K.**, & Moreland, R. (2020). *Failure Classifications - What Factors Lead to Failures?* NASA Systems Engineering Technical Discipline Team Meeting, Virtual.

Weger, K. (2019). *Preference Elicitation in Multi-Agency Project Environments.* RELACS. Huntsville, AL.

Weger, K. (2019). *Solution-Oriented Leadership Development through Times of Change.* Research Talk. UAH Business Department. Huntsville, AL.

Media Featured in

Nelson, R., "Interdisciplinary UAH faculty group wins \$1.35M Army grant to advance human interactions with artificial intelligence." The University of Alabama in Huntsville. February 18, 2025 [Link](#)

Nelson, R., "UAH interdisciplinary collaboration with Mazda Toyota seeks to drive innovation in workforce development." The University of Alabama in Huntsville. February 6, 2025 [Link](#)

Martin, A-M., UAH promotion, tenure awards for 2024-2025 year given to 25 outstanding faculty members, June 7, 2024 [Link](#)

Nelson, R., "Psychology graduate explores human preferences when considering autonomous robots as companions, teammates," The University of Alabama in Huntsville, July 24th, 2023 [Link](#)

Martin, A. M. "UAH honors faculty, staff, researchers with 2023 University Awards for Excellence", University of Alabama in Huntsville, May 3rd, 2023 [Link](#)

WHNT, Leadership Perspectives, "UAH Assistant Professor of Psychology discusses communication between first responders," WHNT 19, December 3rd, 2022 [Link](#)

Steele, J., "Continual, clear, factual texting is key to first responder team success, UAH professor finds" The University of Alabama in Huntsville, October 5, 2022 [Link](#)

WHNT, "UAH Earth-Based Space Port Program," WHNT 19, September 9, 2021

Nelson, R., "INCLUDE student program uses interdisciplinary approach to envision Earth-based space port," The University of Alabama in Huntsville, September 7, 2021 [Link](#)

Steele, J., "Transparency about autonomous military systems is critical to acceptance, research says," The University of Alabama in Huntsville, December 17, 2020 [Link](#)

Nelson, R., "UAH Engineering, Psychology, Theatre faculty collaborate with NASA for "intentional improv" workshops," The University of Alabama in Huntsville, June 1, 2020 [Link](#)

Awards

The University of Alabama Undergraduate Research and Creative Activity Mentor Award	2023
The University of Alabama New Faculty Research (NFR) Award	2021

Advised Student Awards

1st Place College of Computer Science

Gupta, S., Menon, V., **Weger, K.**, & Mesmer, B. L. (2025, March). An Investigation of Transparent Methods for Improved Human-AI Trust and Reliability in AI-Driven Autonomous Systems Applications. *UAH Graduate Poster Session*. Huntsville, AL.

2nd Place for the Most Outstanding Graduate Presentation

Sullivan, G., **Weger, K.**, Menon, V., & Mesmer, B. (2024). AI age of RAM. Society of Reliability Engineers RAM XVI 2024 Training Summit, Huntsville, AL.

4th Place for Most Outstanding Graduate Presentation

Powell, R., Symasek, L. & Weger (2024). Acceptance and Adoption of AI Technology in the Context of Reliability and Maintainability. Society of Reliability Engineers RAM XVI 2024 Training Summit, Huntsville, AL.

2nd Place for the Most Outstanding Graduate Presentation

Yeazitzis, T., **Weger, K.**, Mesmer, B., Thomas, L.D. (2023). Affordability Culture in Organizations. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville, AL.

3rd Place for the Most Outstanding Graduate Presentation

Moore, N., Yeazitzis, T., **Weger, K.**, & Mesmer, B. (2023) Stakeholder Elicitation for Autonomous Robotic Systems Design for Mission Critical Environments. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville, AL.

2nd Place for the Most Undergraduate Presentation

Symasek, L. & **Weger, K.** (2023). Individual Differences in the Adoption of Technology. Society of Reliability Engineers RAM XV 2023 Training Summit, Huntsville AL.

1st Place for the Most Outstanding Graduate Presentation

Yeazitzis, T., **Weger, K.** & Mesmer, B. (2022). Biases in Stakeholder Elicitation as a Precursor to the Architecting Process. *Society of Reliability Engineers RAM XIV*. Huntsville, AL., Prize \$1200

1st Place College of Arts, Humanities & Social Sciences Undergraduate Research Horizons

Branham, N., Easley, T., Hornyak, B., Painter, R., Rigsby, T., **Weger, K.**, Leder, S., Mesmer, B., Jones, N., Menon, V., Fahimi, F., Loyd, N., Argentina, V., & Taylor, C. (2022). Interdisciplinary Undergraduate Experience (INCLUDE): Addressing the Design of an Autonomous Robot Through an Interdisciplinary Lens, *UAH Research Horizons*, Huntsville, AL

1st Place College of Computer Science

Mohammed, A., Menon, V. & **Weger, K.** (2022). Understanding Team Behavior and Response in Stressful Situations. *UAH Research Horizons*, Huntsville, AL

2nd Place at UAH Graduate Research Session

Yeazitzis, T., Falcon, A. K., **Weger, K.**, & Mesmer, B. (2022). Non-Financial Aspects of Affordability Improvement at NASA, *UAH Graduate Research Session*, Huntsville, AL. Prize \$200

1st Place College of Arts, Humanities & Social Sciences Undergraduate Research Horizons

Leder, S., & **Weger, K.** (2021). The Benefits of Team Reflexivity in Diverse Remote Teams. *UAH Research Horizons*, Virtual

3rd Place College of Arts, Humanities & Social Sciences Undergraduate Research Horizons

Cortelli, R., **Weger, K.**, & Mesmer, B. (2021), "Psychological Attributes in Future Spaceport Concepts", *UAH Research Horizons*, Virtual

1st Place College of Engineering Undergraduate Research Horizons

Shipman, A., Cortelli, R., Flint, A., Simon, H., Bass, H., Berhow, E., Atchley, A., Travis, M., Mesmer, B., **Weger, K.**, Argentina, V., Jones, N., Hsu, L. (2021), "Interdisciplinary Undergraduate Experience (INCLUDE): Conceptualizing a Space Ecosystem", *UAH Research Horizons*, Virtual

1st Place College of Arts, Humanities & Social Sciences Undergraduate Research Horizons

Theut, J., **Weger, K.**, & Jones, R. (2020). Growing and Sustaining Effective Leadership. *UAH Research Horizon*, Huntsville, AL

Outstanding Presentation

Banks, A., Guerin, A., Mesmer, B., & **Weger, K.**, "Can They Say That? Uncovering Hidden Truths Through Improv Theater", *Society of Reliability Engineers RAM Training Summit XII*, Huntsville, AL, November 14th, 2019, Prize \$800

Outstanding Presentation

Martin, C., **Weger, K.**, & Mesmer, B., "Assessing Affordability Culture in NASA", *Society of Reliability Engineers RAM Training Summit XII*, Huntsville, AL, November 14th, 2019, Prize \$800

Most Outstanding Presentation

Eaton, C., Banks, A., Mesmer, B., **Weger, K.**, "What Causes Failures in Projects? Analyzing Factors in Failure Classification Schemes", *Society of Reliability Engineers RAM Training Summit XII*, Huntsville, AL, November 14th, 2019, Prize \$1,000

3rd Place College of Arts, Humanities & Social Sciences Undergraduate Research Horizons

Martin, C. & **Weger, K.** (2019). Preferences and Decision Making in Multi-agency Projects. *UAH Research Horizon*, Huntsville, AL.