

**Kristin Weger, Ph.D.**  
Assistant Professor  
University of Alabama in Huntsville  
Kw0004@uah.edu

### ***Academic Positions***

Assistant Professor (2018 – Present)  
Department of Psychology  
The University of Alabama in Huntsville  
Huntsville, AL

Visiting Assistant Professor (January 2018 – August 2018)  
Department of Psychology  
The University of Alabama in Huntsville  
Huntsville, AL

Lecturer (2017 – January 2018)  
Department of Psychology  
The University of Alabama in Huntsville  
Huntsville, AL

### ***Education***

Otto-Friedrich-University, Ph.D. (2017)  
Bamberg, Germany  
Psychology  
Advisor: 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 I/O Psychology  
Advisor: Sandra Carpenter

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

## **Research Grants**

*How to Assess the Efficacy of AI in Human Agent Teams.* (Mesmer, PI; Gholston, Co-PI; Menon, Co-PI; **Weger, Co-PI**; Tenhundfeld, Co-PI). Funding by *U.S. Army Research Office*. (January 2022 - January 2027). Total amount awarded: \$300,000 for year 1

*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 2022). 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 2022). 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 2023). 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*. (June 2021 – August 2022). Total amount awarded: \$100,000.

*Performance Enhancement Through HCI.* (Gholston, PI; Mesmer, Co-PI; **Weger, Lead Researcher**; Tenhundfeld, Lead Researcher). Funding by *U.S. Army Research Laboratory*. (May 2020 – August 2022). Total amount awarded: \$150,000.

*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- February 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.

*The Influence of NASA Culture on Affordability.* (Thomas, PI; Mesmer, Co-Lead Researcher; **Weger, Co-Lead Researcher**). Funding by NASA (May 2019 – present). Total amount awarded: \$651,741.

*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 – May 2020). Total amount awarded: \$30,048.

*Improving Engineering and Theatre through Knowledge Exchange.* (Mesmer, PI; Guerin, Co-I; **Weger, Co-I**). 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** (Note: supervised students underlined)

**Weger, K.**, Menon, V., Hollingsworth, A, & Schaub, H. (in press). Information Sharing Behaviors in Text-based Communication during Emergency Response. *Journal of Emergency Management.*

**Weger, K.**, Leder, S., & Mesmer, B. (in press). Eliciting and Exploring Large-Scale Group Preferences to Gain Insight into Group Representation and Convergence. *Int. Journal of Project Organisation and Management.*

- Eaton, C., Glandon, K.L., Patel, S., Mesmer, B., **Weger, K.**, & Moreland, R. (in press). Faster, Better, Cheaper Repeated? Cost, Schedule, and Technical Objectives: Understanding the Continuing Impact of NASA Policy on Perceptions of Failures, *Space Policy*.
- 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*.
- Weger, K.**, Matsuyama, L., Zimmerman R., Mesmer, B., Van Bossuyt, D., Semmens, R., & Eaton, C. (2022). Insight into User Acceptance and Adoption of Autonomous Systems in Mission Critical Environments, *International Journal of Human-Computer Interaction*.
- 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*.
- 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)

**Weger, K., Leder, S., Banks, A., Eaton, C., Bathia, S.** & Mesmer, B. (in press). 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., & Wilson, E.** (in press). 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.**** (in press). Psychological Attributes in Future Spaceport Concepts. In *Proceedings of the Annual Human Factors and Ergonomics Society Meeting*.

Menon, V., **Weger, K.**, Mesmer, B., & Gholston, S. (in press). 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 of the 3rd IEEE International Conference on Human-Machine Systems (ICHMS) Conference*.

Menon, V., **Weger, K.**, Mesmer, B., & Gholston, S. (in press). Potential of AI in Understanding the Relationship between Human Team Dynamics and Situational Awareness in Human Machine Interactions. In *Proceedings of the 3rd IEEE International Conference on Human-Machine Systems (ICHMS) Conference*.

Pham, P., Menon, V., Tenhundfeld, N., **Weger, K.**, Mesmer, B., Gholston, S., & Davis, T. (in press). Feasibility of AI-Driven Autonomous Systems for Target Detection in Operational Environment in Army Missions. In *Proceedings of the 3rd IEEE International Conference on Human-Machine Systems (ICHMS) Conference*.

**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). A Comparative Study on the Factors Affecting Undergraduate Interdisciplinary Research Programs. 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>

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

Menon, V., Gholston, **S., Weger, K.**, & Lambo, J. (May 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***

Easley, T., Weger, K., Branham N., & Wilson, E. (March 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. (March 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. (March 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. (March 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. (March 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. (March 2022). Improving Affordability Through the Eyes of Industry, *UAH Graduate Research Session*, Huntsville, AL.

Easley, T., Branham N., Wilson, E., & Weger, K. (March 2022). Individual Differences in the Acceptance and Adoption of Autonomous Systems, *UAH Research Horizons*, Huntsville, AL.

Zimmerman, R., Danh, M., & Weger, K. (March 2022). Factors Contributing to the Willingness to Accept and Adopt Autonomous Systems. *UAH Research Horizons*, Huntsville, AL.

Leder, S., Weger, K., & Mesmer, B. (March 2022). Examining Undergraduate Student Interdisciplinary Capstone Research Experiences, *UAH Graduate Research Session*, Huntsville AL.

Leder, S., Weger, K., & Mesmer, B. (October 2021) Identifying and Analyzing Astronomers' Preferences for the Next Decade of NASA. *RCIO Psychology Conference*, Chattanooga, TN.

- Yeazitzis, T., Falcon, A.K., & Weger, K. (October 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. (October 2021). Improving Affordability Through the Eyes of Industry. *14<sup>th</sup> 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.

### ***Book Chapters***

**Weger, K.** (Currently editing, expected 2023). Human Factors in Computing. In *Applied Clinical Informatics for Nurses (3rd Ed.)*. Burlington, MA: Jones and Bartlett Learning.

### ***Invited Talks***

**Weger, K.** (March 2022). *Shop Floor Management: Effective Leadership on Site*. Bridgestone Corporation US. Virtual.

**Weger, K** (2021). *Intercultural Challenges in the Aerospace Industry*. AT Engine Mexico Group Meeting. Virtual.

**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., and **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.**, and 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***

1. WHNT, “UAH Earth-Based Space Port Program,” WHNT 19, September 9, 2021
2. Nelson, R., “INCLUDE student program uses interdisciplinary approach to envision Earth-based space port,” The University of Alabama in Huntsville, <https://www.uah.edu/news/news/include-student-program-uses-interdisciplinary-approach-to-envision-earth-based-space-port>, September 7, 2021
3. Steele, J., “Transparency about autonomous military systems is critical to acceptance, research says,” The University of Alabama in Huntsville, <https://www.uah.edu/news/items/transparency-about-autonomous-military-systems-is-critical-to-acceptance-research-says>, December 17, 2020
4. Nelson, R., “UAH Engineering, Psychology, Theatre faculty collaborate with NASA for “intentional improv” workshops,” The University of Alabama in Huntsville, <https://www.uah.edu/ahs/news/15043-uah-engineering-psychology-theatre-faculty-collaborate-with-nasa-for-intentional-improv-workshops>, June 1, 2020

## ***Advised Student Awards***

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

Nathaniel Branham

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. (March 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*

Areeb Mohammed

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

### *2nd Place at UAH Graduate Research Session*

Taylor Yeazitzis

Yeazitzis, T., Falcon, A. K., **Weger, K.**, & Mesmer, B. (March 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*

Sheri Leder

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*

Rosie Cortelli

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*

Anna Shipman

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*

Jacob Theut

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

*Outstanding Presentation*

Amanda Banks

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 14<sup>th</sup>, 2019, Prize \$800

*Outstanding Presentation*

Cassandra Martin

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

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

Cassandra Martin

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

*Most Outstanding Presentation*

Casey Eaton

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 14<sup>th</sup>, 2019, Prize \$1,000

***UAH University and College Service***

Undergraduate Curriculum Committee	2021-present
Faculty Senate	2020-present
Faculty and Student Development Committee	2020-present
CAHSS Curriculum Committee	2019-present
PSI CHI Faculty Advisor	2018-2019
Sponsor of UAH Sea Scout Student Club	2017-2018

***Related Professional Certifications***

Professional for Usability and User Experience- Foundation Level (CPUX-F)	2015
Burnout Coach (IEK)	2015
Crew Resource Management Facilitator (Lufthansa)	2014
Quality Education Practices Online	2020