

## C. SHAWN BURKE, PH.D.

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## EDUCATION

5/95 to 5/00	GEORGE MASON UNIVERSITY, FAIRFAX, VA Ph.D. in Industrial/Organizational Psychology, May 2000
8/93 to 5/95	GEORGE MASON UNIVERSITY, FAIRFAX, VA Master of Arts in Industrial/Organizational Psychology, May 1995
8/88 to 5/92	UNIVERSITY OF CENTRAL FLORIDA, ORLANDO, FL Bachelor of Science in Psychology, May 1992 <i>Summa Cum Laude</i> , GPA 3.9

## PROFESSIONAL AWARDS

- *University of Central Florida Research Incentive Award, 2023*
- *Poster received 'Judges Choice Award' at the 2023 UCF Student Scholars Symposium (Nonlinear dynamics of team affect in long-duration spaceflight – \*Kaosaar, Burke, & Amon), March 2023.*
- *University of Central Florida Research Incentive Award, 2017*
- *Poster received 'Judges Choice Award' at the 2018 UCF Undergraduate Research Forum (Current Trends in Team Resilience: State of the Literature and Prevailing Relevant Constructs), April 2018*
- *Poster voted 'Best in Category Social Sciences/Master's Level', 1<sup>st</sup> Place Master's Level at the 2017 UCF Graduate Research Forum (Examining Team Roles as Coordinative Mechanisms), April 2016.*
- *Distinguished Alumni Award. George Mason University, IOPSA, April 2012*
- *Best Paper Nomination - Wherry Award. IOOB Conference (Using computer based methods to train social skills), March 2010*
- *Best Paper Nomination, Leadership Quarterly (Trust in leadership: A multi-level review and integration), April 2008*
- *Exceptional Contribution Award, Defense Acquisition University for work on CASSANDRA Project, October 2007*
- *Best Ergonomics in Design Article Award, Human Factors and Ergonomics Society, August 2007*

- *Best Paper Nomination*, Leadership Quarterly (What types of leadership behaviors are functional in teams? A meta-analysis), May 2007
- *Poster in 'Top Posters' Session 2007 SIOP Conference (A Meta-Analytic Examination of Team Development Interventions)*, April 2007
- *University of Central Florida Research Incentive Award*, April 2006
- *Researcher of the Year Award (Institute and Center Level)*, University of Central Florida, February 2006
- *Nomination for 'Best Paper Award' (Human Systems Integration)*, Interservice/Industry Training, Simulation, and Education Conference, November 2005

## EMPLOYMENT

### Professional and Research Experience

4/00 to PRESENT      INSTITUTE FOR SIMULATION AND TRAINING, UNIVERSITY OF CENTRAL FLORIDA, ORLANDO, FL  
*Professor (5/2016 to present), Associate Professor (11/11 to 5/16), Research Scientist (4/04-11/11), Research Associate (4/00-4/04)*

Responsible for conducting research and development programs in the areas of industrial/organizational psychology and human factors, supervision and mentoring of graduate students, proposal writing, and dissemination of findings through journal articles, conferences, and published material. Work activities revolve around the following topic areas: team training, team leadership, team adaptability, multicultural teams, multiteam systems, team performance measurement, team resilience, and team performance in complex and isolated confined environments.

8/93 to 6/99            CONSORTIUM OF UNIVERSITIES, U.S. ARMY RESEARCH INSTITUTE, ALEXANDRIA, VA  
*Research Fellow*

Responsible for project management and supervision. Responsible for the conceptual development and implementation of several studies examining: (1) team training strategies to promote shared mental models, (2) examination and development/modification of measurement tools to measure shared knowledge, and (3) how the team leader can promote an adaptive team through the use of sense-making. Other responsibilities related to the above empirical studies include: scheduling participants, creating measurement and training tools, data analysis, data coding, development of rater training, and presentation of findings at conferences. In addition to empirical studies, responsibilities included the management and conceptual development of a field study in which shared mental model measurement techniques were modified for use in an applied field setting (National Guard Units).

5/97 to 9/97            NATIONAL DEFENSE UNIVERSITY, WASHINGTON, DC  
*Intern*

Responsible for analyzing a hierarchical data set to answer questions related to the evaluation of courses taught at the National Defense University. Isolated effects of course evaluation based on several nested layers. Required analysis using the following statistical techniques: LEVEL, rwg, and HLM.

10/95 to 1/96

TEAM INC., FAIRFAX, VA  
*Facilitator*

Responsible for facilitation of three leadership and decision-making training classes developed for those in the moving industry. Assisted participants in weekly clarification and discussion of material learned.

9/94 to 6/95

MANAGEMENT RESEARCH INSTITUTE, BETHESDA, MD  
*Research Assistant*

Conceptual development and implementation of measurement tool to examine leader mental models (i.e., knowledge structures). Responsible for data collection efforts at field site, content coding of participant responses, and analysis of results.

6/92 to 7/93

NAVAL TRAINING SYSTEMS CENTER, ORLANDO, FL  
*Research Assistant*

Participated in empirical studies related to the TADMUS (Tactical Decision Making Under Stress) research and development program. Collaborated to develop cross-training manuals, responsible for conducting literature searches, as well as coding and extracting relevant information on team decision making from journal articles.

## **Management Consulting Experience**

3/03-Present

MANAGEMENT CONSULTANT

Provided consultation services to numerous corporations, businesses, and governmental agencies. Services include advice on how to promote teamwork; how to design and deliver team and simulation-based training; how to foster and create effective leaders of multicultural teams; how to evaluate and design training systems; guidelines for conducting cognitive task analysis; benchmarking leadership training programs; creation and implementation of tools to facilitate creation and evaluation of training system effectiveness. Clients include: Aptima, CHI Systems, U.S. Army, U.S. Air Force, World Bank, Stottler Henke, Amazon, and Mirum.

## **Academic and Teaching Experience**

1/23 to 5/23

UNIVERSITY OF CENTRAL FLORIDA, ORLANDO, FL

1/22 to 5/22

*Adjunct Professor, INP 6605, Teams and Training*

8/20 to 12/20

This course is a graduate-level seminar that is intended for students in the social

- 1/20 to 5/20 sciences. The goals of this course are to survey a variety of topics relevant to training and team performance. The emphasis is that each of these areas requires a systematic measurement-based approach that is founded in the science of learning.
- 1/16 to 5/16 UNIVERSITY OF CENTRAL FLORIDA, ORLANDO, FL  
*Adjunct Professor, SOP 5059, Advanced Social Psychology*  
 This course is graduate-level seminar that is intended for students in the social sciences. The goals of this course are to: (1) provide students with an overview of classic and current social psychology literature in selected topic areas; (2) enhance critical thinking and research skills through discussion and critique of psychological theories and empirical research; (3) translate these skills into effective writing through class assignments; and (4) help students formulate new ideas for research. Topics include: social psychology methods, attributions, social cognition, the self and social identity, attitudes and persuasion, attraction, close relationships, helping and prosocial behavior, aggression, social biases, groups and social influence.
- 1/02 to 4/02 UNIVERSITY OF CENTRAL FLORIDA, ORLANDO, FL  
*Adjunct Professor, Organizational Psychology*  
 Responsible for teaching one section of an undergraduate course on organizational psychology; inclusion of topics, such as: motivation, job satisfaction, organizational commitment, worker stress, communication networks, group processes, leadership, influence/power/politics, organizational structure/culture/and development, human factors in work design, and safety in the workplace
- 1/96 to 5/97 GEORGE MASON UNIVERSITY, FAIRFAX, VA  
*Teaching Assistant, Cognitive Psychology (305) Laboratory*  
 Responsible for teaching two sections of undergraduate cognition lab
- 5/95 to 8/95 GEORGE MASON UNIVERSITY, FAIRFAX, VA  
*Teaching Assistant, Statistics 300 Laboratory*  
 Responsible for teaching one undergraduate section of an introductory statistics laboratory.

## RESEARCH

\*Student under my direct supervision

### SCHOLARLY ARTICLES

#### Peer-Reviewed Journal Articles [54 articles to date]

- 1) McGuier, E. A., Kolko, D. J., Stadnick, N. A., Brookman-Frazee, L., Wolk, C. B., **Burke, C. S.**, & Aarons, G. A. (provisional acceptance, 2023). Advancing research on teams and team effectiveness in implementation science: An application of the Exploration, Preparation, Implementation, Sustainment (EPIS) framework. *Implementation Science*.

- 2) Georganta, E., Stracke, S., Brodbeck, F. C., Knipfer, K., & **Burke, C. S.** (2022). Shedding light on team adaptation: Does experience matter? *Small Group Research*. doi:10.1177/10464964221132203
- 3) **Burke, C. S.**, Wiese, C. W., & \*Padgett, L. N. P. (2021). Leveraging historiometry to better understand teams in context. *Organizational Psychology Review*, Online First, 1-21. <https://doi.org/10.1177/2041386621996424>.
- 4) Driskell, T., Salas, E., **Burke, C. S.**, & Driskell, J. (2021). A lexical approach to assessing stress: development and proof-of-concept. *Human Factors: The Journal of the Human Factors and Ergonomics Society*.
- 5) Georganta, E., **Burke, C. S.**, Merk, S., & Mann, F. (2021). Understanding how team process-sequences emerge over time and contribute to high team performance. *Team Performance Management: An International Journal*, 27 (1/2), 159-174.
- 6) Käosaar A., Marques-Quinteiro, P., & **Burke, C. S.** (2021). Fantastic teams and where to find them: Understanding team processes in isolated, confined, and extreme teams through the IMO framework. Submitted to *Team Performance Management: An International Journal*, 28 (3/4), 109-124.
- 7) Wiese, C. W., & **Burke, C. S.**, Tang, Yichen, Hernandez, C., & Howell, R. (2021). Team learning behaviors and performance: A meta-analysis of direct effects and moderators. *Group and Organization Management*. doi:[10.1177/10596011211016928](https://doi.org/10.1177/10596011211016928)
- 8) **Burke, C. S.**, Georganta, E., & Marlow, S. (2019). A bottom up perspective to understanding the dynamics of team roles in mission critical teams. *Frontiers Psychology*, 10, 1322. Special Issue: The Evolution and Maturation of Teams in Organizations: Theories, Methodologies, Discoveries, & Interventions. doi.org/10.3389/fpsyg.2019.01322
- 9) Wiese, C. W., & **Burke, C. S.** (2019). Understanding team learning dynamics over time. *Frontiers Psychology*, 10:1417. Special Issue: The Evolution and Maturation of Teams in Organizations: Theories, Methodologies, Discoveries, & Interventions. [doi.org/10.3389/fpsyg.2019.01417](https://doi.org/10.3389/fpsyg.2019.01417)
- 10) **Burke, C. S.**, Shuffler, M., & Wiese, C. (2018). Examining the behavioral and structural characteristics of team leadership in isolated, confined environments. *Journal of Organizational Behavior, Special Issue: Extreme Teams*, 39(6), 716-730. <https://doi.org/10.1002/job.2290>
- 11) Marlow, S. L., Lacerenza, C., Paoletti, J., **Burke, C. S.**, & Salas, E. (2018). Does team communication represent a one-size-fits-all approach? A meta-analysis of team communication and performance. *Organizational Behavior and Human Decision Processes*, 144, 145-170. <https://doi.org/10.1016/j.obhdp.2017.08.001>
- 12) Matthews, G., Reinerman-Jones, L. E., **Burke, C. S.**, Teo, G. W. L., & Scribner, D. R. (2018). Nationalism, personality, and decision-making: Evidence from an SJT for military multinational teaming scenarios. *Personality and Individual Differences*, 127, 89-100.
- 13) Sottolare, R. A., **Burke, C. S.**, Salas, E., Sinatra, A. M., Johnston, J. H., & Gilbert, S. B. (2017). Designing adaptive instruction for teams: A meta-analysis. *International Journal of Artificial Intelligence in Education* <https://doi.org/10.1007/s40593-017-0146-z>
- 14) Driskell, T., Driskell, J. E., **Burke, C. S.**, & Salas, E. (2017). Team Roles: A review and integration. *Group Dynamics*, 48(4), 482-511.
- 15) Rico, R., Hinsz, V., **Burke, S.**, & Salas, E. (2016). A multilevel model of multiteam motivation and performance. *Organizational Psychology Review*, 1-30. Doi 10.1177/2041386616665456.
- 16) Driskell, T., Burke, S., Driskell, J. E., Salas, E., & Neuberger, L. (2014). Stealing the team:

Assessing individual and team functioning “at a distance.” *The Military Psychologist*, 29(1), 12-18.

- 17) \*Grossman, R., \*Thayer, A., \*Shuffler, M.L., **Burke, C.S.**, & Salas, E. (2014). Critical social thinking training: A conceptual model and insights for training. *Organizational Psychology Review*. Doi: 10.1177/2041386614535423
- 18) \*Coultras, C. W., \*Driskell, T., **Burke, C. S.**, & Salas, E. (2014). A conceptual review of emergent state measurement: Current problems, future solutions. *Small Group Research*, 45(6), 671-703. Doi: 10.1177/1046496414552285.
- 19) Bates, M. J., Fallesen, J. J., Huey, W. S., Packard, G. A., Ryan, D. M., **Burke, C. S.**, Smith, D., Watola, D. J., Pinder, E. D., Yosick, T., Estrada, A., Crepeau, L., & Bowles, S. V. (2013). Total force fitness in units part 1: Military-demand resource model. *Military Medicine*, 178(11), 1164-1182.
- 20) \*Wildman, J. L., \*Shuffler, M. L., \*Lazzara, E. H., Xavier, L. F., Fiore, S., **Burke, C. S.**, & Salas, E. (2012). Trust development in swift starting action teams: A theoretical framework. *Group and Organization Management*, 37(2), 137-170.
- 21) \*Coultras, C. W., Bedwell, W. L., **Burke, C. S.**, & Salas, E. (2011). Values sensitive coaching: The DELTA approach to coaching culturally diverse executives. *Consulting Psychology Journal: Research and Practice*, 63 (3), 149-161.
- 22) DeChurch, L., **Burke, C. S.**, \*Shuffler, M., \*Lyons, R., Doty, D., & Salas, E. (2011). A historiometric analysis of leadership in mission critical multiteam environments. *Leadership Quarterly*, 22(1), 152-169.
- 23) \*Shuffler, M. L., \*Wiese, C. W., Salas, E., & **Burke, C. S.** (2010). Leading one another across time and space: Exploring shared leadership functions in virtual teams. *Journal of Work and Organizational Psychology*, 26(1), 3-17.
- 24) \*Klein, C., \*DiazGranados, D., Salas, E., Le, H., **Burke, C. S.**, \*Lyons, R., & Goodwin, G. F. (2009). Does team building work. *Small Group Research*, 40 (2), 181-222.
- 25) Wilson, K., Bedwell, W., Lazzara, E., Salas, E., **Burke, C. S.**, Estock, J. L., Orvis, K. L., & Conkey, C. (2009). Relationships between game attributes and learning outcomes: Review and research proposals. *Simulation & Gaming*, 40(2), 217-266. doi.10.1177/1046878108321866.
- 26) \*Sims, D. E., **Burke, C. S.**, Metcalf, D. S., & Salas, E. (2008). Beyond the technology: Research-based guidelines for designing blended learning. *Ergonomics in Design*, 16(1), 23-29
- 27) Salas, E., \*DiazGranados, D., \*Klein, C., **Burke, C. S.**, \*Stagl, K. C., Goodwin, G. F., & Halpin, S. M. (2008). Does team training improve team performance? A meta-analysis. *Human Factors*, 50, 903-933.
- 28) **Burke, C. S.**, \*Sims, D., \*Lazarra, E., & Salas, E. (2007). Trust in leadership: A multi-level review and integration. *Leadership Quarterly*, 18(6), 606-632.
- 29) Salas, E., Rosen, M. A., **Burke, C. S.**, Nicholson, D., & Howse, W. R. (2007). Markers for enhancing team cognition in complex environments: The power of team performance diagnosis. *Aviation, Space, and Environmental Medicine Special Supplement on Operational Applications of Cognitive Performance Enhancement Technologies.*, 78(5), B77-B85.
- 30) **Burke, C. S.**, \*Stagl, K. C., Salas, E., Pierce, L., & Kendall, D. L. (2006). Understanding team adaptation: A conceptual analysis and model. *Journal of Applied Psychology*, 91(6), 1189-1207.
- 31) **Burke, C. S.**, \*Stagl, K. C., \*Klein, C., Goodwin, G., Salas, E., & Halpin, S. M.

- (2006). What types of leadership behaviors are functional in teams? A meta-analysis. *Leadership Quarterly*, 17, 288-307.
- 32) Salas, E., \*Wilson, K. A., **Burke, C. S.**, & \*Priest, H. A. (2006). What is simulation-based training? *Forum*, 24(2), 12.
- 33) Salas, E., \*Wilson, K. A., **Burke, C. S.**, & Wightman, D. C. (2006). Does CRM training work? An update, extension, and some critical needs. *Human Factors*, 48(2), 392-412.
- 34) Salas, E., \*Wilson\*, K. A., **Burke, C. S.**, Wightman, D. C., & Howse, W. R. (2006). The design, delivery, and evaluation of CRM training: A checklist. *Ergonomics in Design*, 14(2), 6-15. (Awarded Human Factors and Ergonomics Society's 2007 Best *Ergonomics in Design* Article Award)
- 35) **Burke, C. S.**, \*Wilson-Donnelly, K. A., & Salas, E. (2005). The use of a team-based strategy for organizational transformation: Guidance for moving toward a high reliability organization. *Theoretical Issues in Ergonomic Science*, 6(6), 509-530.
- 36) Salas, E., \*Sims, D., & **Burke, C. S.** (2005). Is there a 'Big 5' in teamwork? *Small Group Research*, 36(5), 555-599.
- 37) Salas, E., \*Wilson-Donnelly, K. A., **Burke, C. S.**, & \*Priest, H. A. (2005). Using Simulation-Based Training to Improve Patient Safety: What does it take? *Joint Commission Journal on Quality and Patient Safety*, 31(7), 363-371.
- 38) \*Wilson, K. A., **Burke, C. S.**, \*Priest, H. A., & Salas, E. (2005). Promoting healthcare safety through training high reliability teams. *Quality Safety in Healthcare Special Issue*, 14, 303-309.
- 39) \*Wilson-Donnelly, K. A., \*Priest, H. A., Salas, E., & **Burke, C. S.** (2005). The impact of organizational practices on safety in manufacturing: A review and reappraisal. *Human Factors and Ergonomics in Manufacturing*, 15(2), 135-176.
- 40) **Burke, C. S.**, Salas, E., \*Wilson-Donnelly, K. A., & \*Priest, H. A. (2004). How to turn a team of experts into an expert medical team: Guidance from the aviation and military communities. *Quality Safety and Healthcare*, 13 (1), i96-i104.
- 41) \*Wilson-Donnelly, K. A., \*Priest, H. A., **Burke, C. S.**, & Salas, E. (2004). Tips for creating a safety culture in organizations. *Ergonomics in Design*, 12(4), 25-30.
- 42) **Burke, C. S.**, \*Wilson-Donnelly, K. A., & Salas, E. (2003). Teamwork at 35,000 feet: Enhancing safety through team training. *Human Factors and Aerospace Safety Journal*, 3(4), 287-312.
- 43) Salas, E., \*Sims, D., \*Klein, C., & **Burke, C. S.** (2003). How to turn a team of experts into an expert team? *FORUM*, 23(3), 8.
- 44) Salas, E., \*Sims, D., \*Klein, C., & **Burke, C. S.** (2003). Can teamwork enhance patient safety? *FORUM*, 23(3), 5-9.
- 45) **Burke, C. S.**, Wilson\*, K. A., Salas, E., & Kincaid, P. J. (2002). Emergency vehicles: Responder or victim? *Ergonomics in Design*, 10(1), 23-28.
- 46) Fowlkes, J. E., Gillespie, T., & **Burke, C. S.** (2002). A case study of simulator sickness during law enforcement driver training: Incidence and training impact. *Law Enforcement Executive Forum*, 2(4), 17-29.
- 47) Marks, M. A., Sabella, M. J., **Burke, C. S.**, & Zaccaro, S. J. (2002, Feb). The impact of cross-training on team effectiveness. *Journal of Applied Psychology*.
- 48) Salas, E., & **Burke, C. S.** (2002). Simulation is effective for training when...

*Quality and Safety in Health Care*, 11, 119-120.

- 49) Salas, E., \*Kosarzycki, M. P., **Burke, C. S.**, Fiore, S. M., & Stone, D. (2002). Emerging themes in distance learning research and practice: Some food for thought. *International Journal of Management Reviews*, 4(2).
- 50) Salas, E., \*Wilson, K. A., **Burke, C. S.**, & Bowers, C. A. (2002). Implementing crew resource management (CRM) training: Myths to avoid. *Ergonomics in Design*, Vol 10(4), 20-24.
- 51) Salas, E., **Burke, C. S.**, Bowers, C. A., & \*Wilson, K. A. (2001). Team training in the skies: Does crew resource management (CRM) training work? *Human Factors*, 43(4), 641-674.
- 52) Salas, E., **Burke, C. S.**, & \*Samman, S. (2001). Understanding command and control teams operating in complex environments. *Information Knowledge Systems Management*, 2, 311-323.
- 53) Salas, E., **Burke, C. S.**, & Cannon-Bowers, J. A. (2000). Teamwork: Emerging principles. *International Management Journal Reviews*, 2(4), 339-356.
- 54) Freeman, D., **Burke, C. S.**, Grant, L., & Langkamp, L. (1994, April). Your first steps into the real world – tips to make the transition smoother. *The Industrial-Organizational Psychologist*, 31(4), 61-65.

### **Books – Edited Volumes with International Publisher [2 to date]**

- 1) Johnston, J., Sottolare, R., Sinatra, A. M., & **Burke, C. S.** (Editors) (2018). *Building intelligent tutoring systems for teams: What matters*. Edited volume for Research on managing groups and teams: Human resources and organizational behavior. UK: Emerald Publishing.
- 2) **Burke, C. S.**, Pierce, L., Salas, E. (Editors) (2006). *Understanding adaptability: A prerequisite for effective performance within complex environments*. Edited volume for Advances in human performance and cognitive engineering research. Oxford, UK: Elsevier Science.

### **Books – Edited Volumes with National Publisher [1 to date]**

- 3) Salas, E., Goodwin, J., & **Burke, C. S.** (Editors) (2009). *Team effectiveness in complex organizations and systems: Cross-disciplinary perspectives*. New York, NY: Taylor and Francis.

### **Book Chapters [54 to date]**

#### **International Edited Volumes [18 to date]**

\*Student under my direct supervision

- 1) **Burke, C. S.**, & \*Howell, R. (2018). Team task analysis: Considerations and guidance. In J. Johnston, R. Sottolare, A. M. Sinatra, & **C. S. Burke** (Editors). *Building intelligent tutoring systems for teams: What matters* (pp. 19-32). Edited volume for Research on managing groups and teams: Human resources and organizational behavior. UK: Emerald Publishing.
- 2) Johnston, J. H., **Burke, C. S.**, Milham, L. A., Ross, W. M., & Salas, E. (2018). Challenges and propositions for developing effective team training with adaptive tutors. In J.



- Johnston, R. Sottolare, A. M. Sinatra, & **C. S. Burke** (Editors). *Building intelligent tutoring systems for teams: What matters* (pp. 75-97). Edited volume for Research on managing groups and teams: Human resources and organizational behavior. UK: Emerald Publishing.
- 3) **Burke, C. S.**, \*Georganta, E., & \*Hernandez, C. (2017). The importance of time in team leadership research. In E. Salas, W. B. Vessey, & L. B. Landon (Eds.), *Team dynamics over time* (pp. 95-122). Research on Managing Groups and Teams, Vol 18. London: Emerald Publishing.
  - 4) **Burke, C. S.**, Feitosa, J., Salas, E., & Gelfand, M. (2017). Measuring collaboration in cross-cultural contexts. In A. A. von Davier, M. Zhu, & P. C. Kyllonen (Eds.), *Innovative assessment of collaboration*. Switzerland: Springer International Publishing. Doi: 10.1007/978-3-319-33261-1
  - 5) **Burke, C.S.** (2014). A look into the challenging world of MTS data collection. In Shuffler, M.L., Rico, R., & Salas, E. (Eds), *Pushing the boundaries: Multiteam systems in research & practice* (pp. 17-32). Research on Managing Groups and Teams, Vol. 16. London: Emerald Publishing.
  - 6) \*Shuffler, M.L., **Burke, C.S.**, \*Kramer, W. S., & Salas, E. (2013). Leading teams: Past, present, and future perspectives. In M. Rumsey (Ed.), *Oxford Handbook of Leadership* (pp. 144-166). Oxford: Oxford University Press.
  - 7) **Burke, C. S.**, \*DiazGranados, D., & Salas, E. (2011). Team leadership: A review and look ahead. In A. Bryman, D. Collinson, K. Grint, B. Jackson, & M. Uhl-Bien (Eds.), *The Sage handbook of Leadership* (pp.338-351). London: Sage.
  - 8) **Burke, C. S.**, Salas, E., Smith-Jentsch, K., & Rosen, M. A. (2010). Measuring macrocognition in teams: Some insights for navigating the complexities. In E. Patterson & J. E. Miller (Eds.), *Macrocognition metrics and scenarios: Design and evaluation for real-world teams* (pp. 29-43). Aldershot, UK: Ashgate Publishing
  - 9) **Burke, C. S.**, \*Priest, H. A., Salas, E., \*Sims, D., & Mayer, K. (2008). Stress and teams: How stress affects decision making at the team level. In P. A. Hancock & J. Szalma (Eds.), *Performance under stress* (pp. 181-208). Aldershot, England: Ashgate Publishing.
  - 10) Fiore, S. M., Rosen, M., Salas, E., **Burke, S.**, & Jentsch, F. (2008). Processes in complex team problem solving: Parsing and defining the theoretical problem space. In M. Letsky, N. Warner, S. M. Fiore, & C. Smith (Eds.). *Macrocognition in teams* (pp. 143-163). London: Ashgate.
  - 11) Salas, E., \*Guthrie, J., & **Burke, S.** (2007). Why training team decision making is not as easy as you think: Guiding principles and needs. In M. Cook, J. Noyes, & Y. Masakowski (Eds.), *Decision making in complex environments* (pp. 225-232). Burlington, VT: Ashgate Publishing Limited.
  - 12) \*Stagl, K. C., Salas, E., Rosen, M., \*Priest, H. A., **Burke, C. S.**, Goodwin, G. F., & Johnston, J. H. (2007). Distributed team performance: A multilevel review of distribution, demography, and decision-making. In F. Yammarino & F. Dansereau (Eds.), *Multi-level issues in organizations and time research in multi-level issues* (pp.11-58). Elsevier.
  - 13) \*Stagl, K. C., Salas, E., Rosen, M., \*Priest, H. A., **Burke, C. S.**, Goodwin, G. F., & Johnston, J. H. (2007). Distributed team performance: Continuing the dialogue. In F. Yammarino & F. Dansereau (Eds.), *Multi-level issues in organizations and time research in multi-level issues* (pp.83-91). Elsevier.
  - 14) **Burke, C. S.**, Hess, K., & Salas, E. (2006). Building the adaptive capacity to lead multicultural teams. In C. S. Burke, L. Pierce, & E. Salas (Eds.), *Advances in human performance and cognitive engineering research* (pp. 175-211). Oxford, UK: Elsevier Science.

- 15) \*Stagl, K. C., **Burke, C. S.**, Salas, E., & Pierce, L. (2006). Team adaptation: The realization of team synergy. In C. S. Burke, L. Pierce, & E. Salas (Eds.), *Advances in human performance and cognitive engineering research* (117-142). Oxford, UK: Elsevier Science.
- 16) Sutton, J. L., Pierce, L. G., **Burke, C. S.**, & Salas, E. (2006). Cultural adaptability. In C. S. Burke, L. Pierce, & E. Salas (Eds.), *Advances in human performance and cognitive engineering research* (143-173). Oxford, UK: Elsevier Science.
- 17) Salas, E., **Burke, C. S.**, Fowlkes, J. E., & \*Wilson, K. A. (2004). Challenges and approaches to understanding leadership efficacy in multi-cultural teams. In M. Kaplan (Ed.), *Advances in human performance and cognitive engineering research* (Volume 4) (pgs. 341-384). Oxford, UK: Elsevier.
- 18) Salas, E., \*Stagl, K. C., & **Burke, C. S.** (2004). Twenty-five years of team effectiveness in organizations: Research themes and emerging needs. In C. L. Cooper & I. T. Robertson (Eds.), the *International review of industrial and organizational psychology* (pp. 47-91). West Sussex, England: John Wiley & Sons.

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- 19) **Burke, C. S.**, Feitosa, J., & \*Moavero, J. (2020). Towards an understanding of training requirements for multicultural teams in long duration spaceflight. In Landon, L, Slack, K., & Salas, E. (Eds), *Psychology and Human Performance in Space Programs: Research at the Frontier* (pp.171-193). Boca Raton, FL: CRC Press.
- 20) Gorman, J. C., D’Mello, S. K. D., Stevens, R. H., & **Burke, C. S.** (2018). Characteristics and mechanisms of team effectiveness in dynamic environments. *Design recommendations for intelligent tutoring systems, Vol 6, Team learning and taskwork* (pp.161-168). Orlando, FL: Army Research Laboratory.
- 21) **Burke, C. S.**, Sottolare, R., & Gilbert, S. (2018). Leveraging team taxonomic efforts for authoring. Characteristics and mechanisms of team effectiveness in dynamic environments. *Design recommendations for intelligent tutoring systems, Vol 6, Team learning and taskwork* (pp. 193-200). Orlando, FL: Army Research Laboratory.
- 22) Shuffler, M. L., Kramer, W. S., & **Burke, C. S.** (2017). #Team leadership: Leadership for today’s multicultural, virtual, and distributed teams. To appear in Wildman, J. L., Griffith, R. L., & Armon, B. (Eds.), *Critical issues in cross cultural management*. New York, NY: Springer.
- 23) Resick, C.J., **Burke, C. S.**, & Doty, D. (2012). MTS research in laboratory settings: A look at the technical and practical challenges. In S. J. Zaccaro, M. A. Marks, & L.A. DeChurch (Eds.), *Multiteam systems: An organizational form for dynamic and complex environments* (pp.487-510). New York, NY: Routledge.
- 24) **Burke, C. S.**, \*Shuffler, M. L., Salas, E., & Gelfand, M. (2010). Multicultural teams: Critical team processes and guidelines. In K. Lundby & J. Jolton (Eds.), *Going global: Practical applications and recommendations for HR and OD professionals in the global workplace* (pp. 46-82). San Francisco, CA: Jossey-Bass.
- 25) Becker, W., **Burke, C. S.**, Sciarini, L. W., Milham, L., Carroll, M. B., Schaffer, R., & Wilbert, D. (2009). Training transfer effectiveness experimentation with the USMC deployable virtual training environment - combined arms.. In D. Schmorow, J. Cohn, & D. Nicholson (Eds). *The handbook of virtual environment training* (Vol 3) (pp. 308-323). Westport, CT: Praeger Security International.
- 26) **Burke, C. S.**, Lum, H. C., Scielzo, S. A, Smith-Jentsch, K., & Salas, E. (2009).

- Examining measures of team cognition in virtual teams: A heuristic and guidelines. In D. Schmorow, J. Cohn, & D. Nicholson (Eds). *The handbook of virtual environment training* (Vol 1) (pp. 266-283). Westport, CT: Praeger Security International..
- 27) **Burke, C. S.**, \*Priest, H. A., \*Wooten, S. R., II, \*Diaz-Granados, D., & Salas, E. (2009). Understanding the cognitive processes in adaptive multicultural teams: A framework. In E. Salas, J. Goodwin, & C. S. Burke (Editors), *Team effectiveness in complex organizations and systems: Cross-disciplinary perspectives*. New York, NY: Taylor and Francis.
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- 30) **Burke, C. S.**, \*Priest, H. A., \*Upshaw, C., Salas, E., & Pierce, L. (2008). A sensemaking approach to understanding multicultural teams: An initial framework. In D.I. Stone, & E.F. Stone-Romero (Eds.), *Cultural diversity and human resource practices* (pp. 269-305). Mahwah, NJ: LEA.
- 31) **Burke, C. S.**, Salas, E., & \*Diaz-Granados, D. (2008). The role of team learning in facilitating team adaptation within complex environments: Tools and strategies. In V. I. Sessa & M. London (Eds.), *Group learning* (pp. 217-241). Mahwah, NJ: Lawrence Erlbaum Associates.
- 32) **Burke, C. S.**, Hess, K., Salas, E., \*Priest, H., Paley, M., & Riedel, S. (2007). Preparing leaders for operation in complex environments: The leadership of multicultural teams. In R. Hoffman (Ed.), *Expertise out of context* (pp. 403-427). Mahwah, New Jersey: Lawrence Erlbaum Associates.
- 33) **Burke, C. S.**, Salas, E., \*Estep, S., & Pierce, L. (2007). Facilitating team adaptation 'in the wild': A theoretical framework, instructional strategies, and research agenda. In R. Hoffman (Ed.), *Expertise out of context* (pp.507-524). Mahwah, New Jersey: Lawrence Erlbaum Associates.
- 34) Salas, E., \*Priest, H. A., \*Stagl, K. C., \*Sims, D. E., & **Burke, C. S.** (2007). Work teams in organizations: A historical reflection and lessons learned. In L. Koppes (Ed.), *The science and practice of industrial-organizational psychology: The first hundred years* (407-438). Mahwah, NJ: Lawrence Erlbaum Associates.
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- 43) **Burke, C. S.** (2005). Team task analysis. In N. Stanton, A. Hedge, K. Brookhuis, E. Salas, & H. Hendrick (Eds.), *Handbook of human factors and ergonomics methods* (pp. 56.1-56.8). Boca Raton, FL: CRC Press.
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- 45) Fowlkes, J. E., & **Burke, C. S.** (2005). Event-based Approach to Training (EBAT). In N. Stanton, A. Hedge, K. Brookhuis, E. Salas, & H. Hendrick (Eds.), *Handbook of human factors and ergonomics methods* (pp. 47.1-47.5). Boca Raton, FL: CRC Press.
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- 48) \*Sims, D. E., Salas, E., & **Burke, C. S.** (2005, June). Promoting effective team performance through training. In S. Wheelen (Ed.), *The handbook of group research and practice* (pp. 407-425). Thousand Oaks, CA: SagePublications.
- 49) \*Wilson, K. A., \*Priest, H. A., Salas, E., & **Burke, C. S.** (2005). Can training for safe practices reduce the risk of organizational liability? In Y. I. Noy & W. Karwowski (Eds.), *Handbook of human factors in litigation* (pp. 6-1 – 6-32). Boca Raton, FL: CRC Press.
- 50) Salas, E., **Burke, C. S.**, \*Wilson-Donnelly, K. A. Fowlkes, J. E., (2004). Promoting effective leadership within multicultural teams: An event-based approach. In D. Day, S. J. Zaccaro, & S. M. Halpin (Eds.), *Leader development for transforming organizations* (pp.293-323). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.
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Strategies and principles. In D. Day, S. J. Zaccaro, & S. M. Halpin (Eds.), *Leader development for transforming organizations* (pp. 325-355). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

- 52) **Burke, C. S.**, Fiore, S., & Salas, E. (2003). The role of shared cognition in enabling shared leadership and team adaptability. In J. Conger & C. Pearce (Eds.), *Shared leadership: Reframing the how's and why's of leadership* (pp. 103-122). Thousand Oaks, CA: Sage Publishers.
- 53) Salas, E., **Burke, C. S.**, Fowlkes, J. E., & \*Priest, H. (2003). On measuring teamwork skills. In J. C. Thomas & M. Hersen (Eds.), *Comprehensive handbook of psychological assessment* (pp. 427-442) (Vol 4). Indianapolis, IN: Wiley Publishing.
- 54) Salas, E., **Burke, C. S.**, & Cannon-Bowers, J. A. (2002). Tips and guidelines for designing and delivering team training. In K. Kraiger (Ed.), *Creating, implementing, and managing effective training and development: State-of-the-art lessons for practice* (pp. 234-259). San Francisco, CA: Jossey-Bass.

## **Papers Published in Conference Proceedings [34 to date]**

### **International Conference Proceedings [5 to date]**

\*Student under my direct supervision

- 1) Holden, H., **Burke, C.**, & \*Wiese, C. (2014). The unique elements to consider in team tutoring. Proceedings of *the International Conference on Intelligent Tutoring Systems*, Honolulu, HI.
- 2) **Burke, C. S.**, \*Klein, C. \*Upshaw, C. L., Salas, E., Johnston, J. H., Sutton, J. L., Pierce, L., Ungvarski, D. (2008, April). Examining teamwork dimensions within a coalition environment: Perspectives from a NATO joint task force exercise. Presented at the *Spring Human Factors and Medicine Symposium on Adaptability in Coalition Teamwork*, Copenhagen, Denmark.
- 3) **Burke, C. S.**, \*Wilson, K. A., & Salas, E. (2008, April). Varying team composition to examine the effect of cultural diversity on team process and adaptive team performance. Presented at the *Spring Human Factors and Medicine Symposium on Adaptability in Coalition Teamwork*, Copenhagen, Denmark.
- 4) **Burke, C. S.** (2007). In R. R. Hoffman & E. Salas (Chairs), *Multiple perspectives on the macrocognition construct*. Presented at the 8<sup>th</sup> International Conference on Naturalistic Decision Making, Pacific Grove, CA.
- 5) Matthews, G., Reinerman-Jones, L, Teo, G., **Burke, S.**, & Scribner, D. (2017). Nationalism, patriotism and multinational decision-making competence: Evidence from a situational judgment test. In *Proceedings of the Applied Human Factors and Ergonomics (AHFE) International Conference 2017*. Elsevier.

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- 6) Lechner, R., **Burke, S.**, Biddle, E., \*Hernandez, C., Eakins, M., & Metcalf, D. (2018). *Uncanny*

*avatars in virtual aircraft environments, how to best represent.* Paper presented at the Interservice/Industry Training, Simulation and Education Conference (I/ITSEC) 2018, Orlando, FL.

- 7) Matthews, G., Reinerman-Jones, L., **Burke, S.**, Teo, G., & Schribner, D. (2017). Personality, social identity, and individual differences in multinational decision-making. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 848-852.
- 8) Reinerman-Jones, L., Matthews, G., **Burke, C. S.**, & Scribner, D. (2016). A situation-judgment test for military multicultural decision-making: Initial psychometrics studies. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 60, 1482-1486.
- 9) **Burke, C. S.**, \*Feitosa, J., & Salas, E. (2015). *The unpacking of team models in GIFT.* Paper presented at the GIFTSym 3 Conference, Orlando, FL.
- 10) **Burke, C. S.**, Sottolare, R. A., Salas, E., & Johnson, J. (2015). *Building intelligent tutoring systems for teams: What matters.* Tutorial presented at the Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC) 2015, Orlando, FL.
- 11) \*Lacerenza, C. L., **Burke, C. S.**, Metcalf, D. S., Marlow, S. L., Allen, C., & Mazzeo, M. (2015). Emergency Medical Card Augmented Reality: Training Evaluation. In A. Alban (Chair), *Cutting Edge Training.* Symposium presented at the Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC) 2015, Orlando, FL.
- 12) Sottolare, R. A., Johnston, J. H., Sinatra, A. M., **Burke, C. S.**, Salas, E., & Holden, H. (2015). *Antecedents of adaptive collaborative learning environments.* Paper presented at the Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC) 2015, Orlando, FL.
- 13) Bonner, D., Gilbert, S., Dorneich, M., **Burke, S.**, Walton, J., Ray, C., & Winer, E. (2014). *Taxonomy of Teams, Team Tasks, and Tutors.* In Proceedings of the 2nd Annual Generalized Intelligent Framework for Tutoring (GIFT) Users Symposium. Army Research Laboratory.
- 14) **Burke, C. S.**, & Salazar, M. (Co-Chairs) (2010). *The impact of culture on collaboration and negotiation.* Symposium held at the Applied Human Factors and Ergonomics Conference, Miami, FL, July 2010.
- 15) \*Shuffler, M. L., **Burke, C. S.**, Salas, E., & Gelfand, M. (2010). Multicultural teams: Critical team processes and guidelines. In C. S. Burke & M. Salazar (Co-Chairs), *The impact of culture on collaboration and negotiation.* Symposium presented at the Applied Human Factors and Ergonomics Conference, Miami, FL, July 2010.
- 16) \*Pavlas, D., **Burke, C. S.**, Fiore, S., Salas, E., Jensen, R., & Fu, D. (2009). *Enhancing unmanned aerial system training: Knowledge, skills, attitudes and methods.* Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 53(26), 1903-1907. Paper presented at the 53<sup>rd</sup> Annual Meeting of the Human Factors and Ergonomics Society. San Antonio, TX.
- 17) \*Priest, H. A., Salas, E., & **Burke, C. S.** (2009). *Initial, individual decisions to trust in newly forming teams: What is the impact of 'not knowing'?* Paper presented at the 53<sup>rd</sup> Annual Meeting of the Human Factors and Ergonomics Society. San Antonio, TX.
- 18) \*Shuffler, M. L., Salazar, M., Bedwell, W. L., Salas, E., & **Burke, C. S.** (2009). *Culture on the front line: Dimensions that matter.* Paper presented at the Interservice/Industry Training, Simulation, and Education Conference, Orlando, FL.
- 19) Rosen, M. A., Wildman, J. L., Bedwell, W. L., Fritzsche, B. A., **Burke, C. S.**, & Salas, E. (2008, September). *Diagnosing friction points in multicultural*

*performance: A rationale and measurement approach*. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 52(11), 753-757. Paper presented at the 52<sup>nd</sup> Annual Human Factors and Ergonomics Society Conference, New York, NY.

- 20) **Burke, C. S.** (2007). Triangulating metrics for assessing macro-level cognitive states: Pushing the way forward. In E. Salas & S. Fiore (Chairs), *Macro-cognition metrics: Meaningful measures for complex processes. Proceedings of the 51<sup>st</sup> Annual Meeting of the Human Factors and Ergonomics Society* (pp. 402-404). Baltimore, MD.
- 21) **Burke, C. S.**, Hess, K. P., \*Priest, H. A., \*Rosen, M., Salas, E., Paley, M., & Riedel, S. (2005, November). Facilitating leadership in a global community: A training tool for multicultural team leaders. *Proceedings of the 2005 Interservice/Industry Training, Simulation, and Education Conference* (pp. 1035-1046). Orlando, FL.
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- 24) **Burke, C. S.** (2004). In C. S. Burke & P. Hancock (Chairs), Stress effects on soldier performance. *Proceedings of the 48<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 48(11), 1271-1274. New Orleans, LA.
- 25) \*Priest, H. A., \*Guthrie, J., **Burke, C. S.**, Bowers, C. A., & Salas, E. (2004). Are there differences in teamwork across team type? *Proceedings of the 48<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 48(22), 2582-2586. New Orleans, LA.
- 26) \*Wilson-Donnelly, K. A., **Burke, C. S.**, & Salas, E. (2004). Does crew resource management training work in health care? *Proceedings of the 48<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 48(22), 2587-2591. New Orleans, LA.
- 27) \*Priest, H. A., \*Guthrie, J., \*Stagl, K., **Burke, C. S.**, & Salas, E. (2004). Virtual teams: The role of involvement, immersion, and presence for distributed team members. *Proceedings of the 48<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 48(23), 2608-2612. New Orleans, LA.
- 28) \*Wilson-Donnelly, K. A., \*Priest, H. A., Salas, E., & **Burke, C. S.** (2003, Oct). Guidelines for developing a safety culture to support the implementation and use of technology. *Proceedings of the 47<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society* 47(14), 1777-1781. Denver, CO.
- 29) **Burke, C. S.**, Fowlkes, J. E., \*Wilson, K. A., & Salas, E. (2003, May). A concept of soldier adaptability: Implications for design and training. In R. Hoffman & L. Tocarcik (Co-Chairs), *Innovative Design Concepts for the Objective Force. Proceedings of the Annual Conference for the Collaborative Technology Alliance Program* (pp. 143-148). Baltimore, MD.
- 30) **Burke, C. S.**, \*Wilson, K. A., & Salas, E. (2002, September). Crisis management teams (CMT): Leveraging the science of team performance under stress. *Proceedings of the 46<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 46(3), 546-551. Baltimore, MD.
- 31) \*Priest, H. A., **Burke, C. S.**, Munim, D., & Salas, E. (2002, September). The impact of stress on adaptability in teams. *Proceedings of the 46<sup>th</sup> Annual Meeting of*

- the Human Factors and Ergonomics Society*, 46(3), 561-565. Baltimore, MD.
- 32) **Burke, C. S.**, Salas, E., & Kincaid, P. (2001, October). Emergency vehicles that become accident statistics: Understanding and limiting accidents involving emergency vehicles. *Proceedings of the 45<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 45(4), 508-512. Minneapolis, MN.
- 33) Deaton, J. E., Glenn, F., **Burke, C. S.**, Good, M., Dorneich, M., & Downs, J. (2001, October). Aircrew performance during emergency conditions as a function of operating procedures interface: A comparison between an electronic and traditional paper NATOPS. *Proceedings of the 45<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 45(2), 11-15. Minneapolis, MN.
- 34) Good, M., Dorneich, M., Deaton, J. E., Glenn, F., **Burke, C. S.** & Downs, J. (2001, October). Techniques for interacting with large information spaces on small displays. *Proceedings of the 45<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*, 45(6), 585-589. Minneapolis, MN.

## MANUSCRIPTS UNDER REVIEW

### Under Review

- 2) \*Kaosaar, A., \*Rivera, M., **Burke, C. S.**, & Marques-Quinteiro, P. (under review). Team trust dynamics and development in isolated, confined and extreme environments. Submitted to *Small Group Research*, December 2022. Revise and resubmit, September 2023.
- 3) Driskell, T., Driskell, J. E., & **Burke, C. S.** (under review). Interpersonal dynamics in spaceflight: An archival study. Submitted to *Acta Astronautica*, September 2023.
- 4) **Burke, C. S.**, \*Szabo, K., & \*Kaosaar, A. (under review). *Taking a SIRIUS perspective: A tale of two analog crews*. Paper submitted to the 2024 Human Research Program Investigators Workshop, Behavioral Health and Performance Working Group (NASA), Galveston, TX.
- 5) \*Kaosaar, A., \*Szabo, K., & **Burke, C. S.** (under review). *Stars aligning or colliding? Cultural diversity in space analog crews*. Paper submitted to the 2024 Human Research Program Investigators Workshop, Behavioral Health and Performance Working Group (NASA), Galveston, TX.
- 6) Driskell, T., Driskell, J. E., **Burke, C. S.**, Kaosaar, A., & Szabo, K. (under review). *The human side of long-duration space missions: A qualitative examination of astronauts' interpersonal experiences*. Paper submitted to the 2024 Human Research Program Investigators Workshop, Behavioral Health and Performance Working Group (NASA), Galveston, TX.

## TECHNICAL REPORTS/FINAL REPORTS/WHITE PAPERS (38 TO DATE)

\*Student under my direct supervision

### White Papers

- 1) Driskell, T., **Burke, C. S.**, Driskell, J. E., & \*Inorio, S. (2021). Interpersonal relationships and subgroup formation. Unpublished white paper delivered to NASA-JSC, Houston, TX.
- 2) **Burke, C. S.**, \*Lewis, A., Driskell, T., & Driskell, J. E. (2021). Identification and response to shifts in interpersonal dynamics. Unpublished white paper delivered to NASA-JSC, Houston, TX.
- 3) Driskell, T., Driskell, J. E., & **Burke, C. S.** (2021). Identification of factors fostering social resilience. Unpublished white paper delivered to NASA-JSC, Houston, TX.
- 4) Stagl, K. C., & **Burke, C. S.** (2019). *Multiteam system challenges, disruptors, and inefficiencies*. Unpublished white paper delivered to NAWCTSD, Orlando, FL.



- 5) \*Szabo, K., & **Burke, C. S.** (2019). *Leveraging the JSC Oral History Project for Insight into Cultural Challenges and Mitigators for Spaceflight Crews*. Unpublished white paper. To be delivered to NASA, Johnson Space Center, Houston, Texas.
- 6) Paoletti, J., Dinh, J., \*Padgett, L., **Burke, C. S.**, & Salas, E. (2019). *Insight into training needs of cross-cultural spaceflight crews: A bottom-up approach*. Unpublished white paper. Prepared for NASA Johnson Space Center, Houston, TX.
- 7) Driskell, T., Driskell, J. E., **Burke, C. S.**, & Salas, E. (2015). *TRIAD Cluster Analysis*. Unpublished manuscript. Delivered to NASA, Johnson Space Center, Houston, TX.
- 8) Driskell, T., Driskell, J. E., **Burke, C. S.**, & Salas, E. (2015). *Challenges to team functioning in long duration spaceflight*. Unpublished manuscript. Delivered to NASA, Johnson Space Center, Houston, TX.
- 9) \*Gregory, M., \*Shimono, M., **Burke, C. S.**, & Salas, E. (2015). *Development of a Literature-Driven, Integrative Team Role Taxonomy*. Unpublished manuscript. Prepared for NASA, Johnson Space Center, Houston, TX.
- 10) Driskell, T., Driskell, J. E., **Burke, C. S.**, & Salas, E. (2015). *TRIAD Cluster Analysis*. Unpublished manuscript. Prepared for NASA, Johnson Space Center, Houston, TX.
- 11) **Burke, C. S.**, & \*Feitosa, J. (2014). *Team culture issues for long duration-exploration missions: An operational assessment*. Unpublished manuscript. Delivered to NASA, Johnson Space Center, Houston, TX.
- 12) **Burke, C. S.**, & \*Feitosa, J. (2014). *Team culture issues for long duration-exploration missions: Culture training methods report*. Unpublished manuscript. Delivered to NASA, Johnson Space Center, Houston, TX.
- 13) **Burke, C. S.**, & \*Feitosa, J. (2014). *Team culture issues for long duration-exploration missions: Culture report*. Unpublished manuscript delivered to NASA, Johnson Space Center, Houston, TX.
- 14) \*Feitosa, J., & **Burke, C. S.** (2014). *Feedback delivery: Best practices and pitfalls for team intelligent tutoring*. Unpublished manuscript delivered to Army Research Laboratory, Orlando, FL.
- 15) **Burke, C. S.**, \*Thayer, A., \*Grossman, R., & \*Gregory, M. (2013). *Measuring and improving unit cohesion and performance in preparation for deployment: Structural analysis of direct relationships*. Unpublished manuscript.
- 16) **Burke, C. S.**, Thayer\*, A., Gregory\*, M., & Grossman\*, R. (2013). *Measuring and improving unit cohesion and performance in preparation for deployment: Psychometric analysis of attitudinal cohesion measure*. Unpublished manuscript.
- 17) Stowers, K., Oglesby, J., Leyva, K., Dietz, A. S., **Burke, C. S.**, Sonesh, L., Benishek, L., & Salas, E. (2014, May). *A guiding framework for the development of metrics in human automation systems*. Unpublished manuscript, Department of Psychology, Institute of Simulation and Training, University of Central Florida, Orlando, FL.
- 18) Sonesh, S.C., Benishek, L.E., Stowers, K., Oglesby, J.M., **Burke, C.S.**, & Salas, E. (2014). *Evidence-based metric toolkit for measuring safety and efficiency in human-automation systems*. Unpublished manuscript, Department of Psychology, Institute of Simulation and Training, University of Central Florida, Orlando, FL.
- 19) Oglesby, J.M., Leyva, K., Stowers, K., Dietz, A. S., **Burke, S.**, & Salas, E. (2014). *Testbed development for validating a human automation interaction toolkit*. Unpublished manuscript, Department of Psychology, Institute of Simulation and Training, University of Central Florida, Orlando, FL.

## Technical Reports/Final Reports

- 20) Salas, E., **Burke, C. S.**, Driskell, J. E., & Fiore, S. (2019). *Dynamic team role allocation in long duration, exploration missions: Identification of roles, triggers, and measurement tools*. Houston, TX: Johnson Space Center.
- 21) **Burke, C. S.**, Shuffler, M., & Salas, E. (2018). *Leadership-followership: Moving beyond traditional leadership to build highly functioning autonomous teams*. Houston, TX: Johnson Space Center.
- 22) **Burke, C. S.**, & Feitosa\*, J. (2015). *Team culture issues for long duration-exploration missions (NASA/TM-2-15-218587)*. Houston, TX: Johnson Space Center.
- 23) **Burke, C. S.**, Thayer\*, A. L., & Grossman\*, R. (2014). *A multi-level conceptualization of cohesion as applied to brigade combat teams*. Unpublished manuscript submitted as a final report. Army Research Institute, Contract # W5J9CQ-11-C-0026.
- 24) **Burke, C. S.**, Driskell\*, T., Oglesby, J., Cronin, B., Harvey, J., Bailey, C. J., & Golenbock, S. (2013). *Cognitive skills in complex, realistic training environments: Literature review and data collection*. (ARI Technical Report). Fort Hood, TX: U.S. Army Research Institute for the Behavioral and Social Sciences.
- 25) **Burke, C. S.**, Shuffler\*, M., Heyne\*, K., & Salas, E. (2012). *Improving the performance of military multiteam systems: An empirical investigation*. Unpublished manuscript submitted to Army Research Institute. Submitted as a final report.
- 26) Coultas\*, C. W., Driskell\*, T., & **Burke, C. S.** (2012). *Assessing the state of the science: The measurement of emergent states*. Unpublished manuscript submitted to Army Research Institute.
- 27) Spencer\*, J. M., Hughes\*, A. M., **Burke, C. S.**, & Coultas\*, C. (2012). *Assessing the state of the science: The measurement of team process*. Unpublished manuscript submitted to the Army Research Institute.
- 28) **Burke, C. S.**, Wooten\*, S. II, Salas, E., & DeChurch, L. (2009, August). *A critical review of platforms for use in multi-team system related research*. Unpublished manuscript submitted to Army Research Institute.
- 29) Chiara, J., **Burke, C. S.**, Salas, E., Priest\*, H., Zaccaro, S. J., & Reidel, S. (2008). *The multicultural Leadership assessment and development (Multi-LeAD) program: A training approach to the development of multicultural Leadership skills*. Submitted to Army Research Institute.
- 30) Zaccaro, S.J., **Burke, C. S.**, Salas, E., Riedel, S., & Chiara, J. (2008). *Identifying and training attributes for effective multinational and multicultural leadership*. Ft. Leavenworth, KS: U.S. Army Research Institute for the Behavioral and Social Sciences.
- 31) **Burke, C. S.**, Wilson\*, K., Priest\*, H. A., Klein\*, C., Wildman, J.<sup>1\*</sup>, & Salas, E. (2008). *Practical recommendations for embedding instructional features into MOT<sup>2</sup>IVE: A literature review and critical assessment of the current MOT<sup>2</sup>IVE system*. Unpublished report. Submitted to ACTIVE lab.
- 32) **Burke, C. S.**, Guthrie\*, J., Murphy\*, C., Priest\*, H. A., Rosen\*, M., Wilson\*, K., & Salas, E. (2005). *Networked coalition environments: Identification of leverage points and future areas of research*. Unpublished paper. Submitted as a discussion paper to the Army Research Institute.
- 33) **Burke, C. S.**, Wilson-Donnelly\*, K. A., & Salas, E. (2004). *Review of U.S. Army CRM/ACT Training Program*. Unpublished report. Ft Rucker, AL: United States Army Research Institute.
- 34) **Burke, C. S.**, Salas, E., Wilson-Donnelly\*, K. A., Sims\*, D., & Priest\*, H. A. (2004).

- Understanding the Pyxis System*. Final Report. Jacksonville, FL: Health Science Center.
- 35) **Burke, C. S.**, Salas, E., & Kincaid, P. (2001). *Understanding emergency vehicle accidents: A field investigation*. Final Report. Orlando, FL: Center for Advanced Transportation Systems Simulation.
  - 36) Deaton, J., **Burke, C. S.**, Good, M. (2001). *IE-NATOPS Benchmark Evaluation Effort*. (CHI Systems Technical Report). Lower Gwynedd, PA: CHI Systems, Inc.
  - 37) Deaton, J., **Burke, C. S.**, Good, M. (2000). *IE-NATOPS Knowledge Elicitation Effort*. (CHI Systems Technical Report). Lower Gwynedd, PA: CHI Systems, Inc.
  - 38) Zaccaro, S. J., Shlechter, T., & **Burke, C. S.** (1998). *An assessment of shared mental models in tank platoons: Development and preliminary psychometric evidence*. Project interim report.

## **PRESENTATIONS [308 to date]**

### **INVITED PRESENTATIONS [44 TO DATE]**

#### **Invited Presentations (International Conferences/Events) [1 to date]**

- 1) Salas, E., & **Burke, C. S.** (2005, May). The Wisdom of Collectives: A 20 Year Update. Invited talk given at the *Workshop in Human Command. Military Command Team Effectiveness: Research, Models, and Instruments*. May 30-June 1, Amersfoot, NL.

#### **Invited Presentations (National Conferences/Events) [33 to date]**

- 2) **Burke, C. S.**, & Ehrhart, M. (2023). *Team Measurement: Insights and sample resources for Implementation Science*. Invited talk given as part of the Advancements in Implementation Science Workshop. La Jolla, CA.
- 3) **Burke, C. S.** (2023). *Team leadership and motivation*. Invited talk given as part of the Team Science Skill Series hosted by the Georgia Clinical and Translational Science Alliance. Virtual webinar.
- 4) **Burke, C. S.** (2022). *Introduction on team effectiveness and application to children's mental health implementation*. Invited presentation given as part of the UC San Diego IN STEP Center Pilot Funding Pre-Application Webinar.
- 5) **Burke, C. S.** (2022, April). *Team science across contexts*. Invited panelist. Claremont McKenna College, Claremont, CA. Virtual Panel.
- 6) **Burke, C. S.** (2022, February). *A bottom-up perspective on building synergy within a culturally diverse crew*. Invited talk given to the Master of Professional Studies in Applied Industrial/Organizational Psychology Cohort at George Mason University, Fairfax, VA. Virtual webinar.
- 7) **Burke, C. S.** (2022). *Team leadership and motivation*. Invited talk given as part of the Team Science Skill Series hosted by the Georgia Clinical and Translational Science Alliance. Virtual webinar.
- 8) **Burke, C. S.** (2021). Invited speaker. *Applying the science of teams to community-engaged implementation research*. A workshop co-hosted by the Altman Clinical and Translational Research Institute, Dissemination and Implementation Science Center and Community Engagement, & Team Science Core. Part of the Advanced Workshop Series.
- 9) **Burke, C. S.** (2020). *Team formation and development*. Invited talk given as part of the Team Science Skill Series hosted by the Georgia Clinical and Translational Science Alliance. Virtual webinar.
- 10) **Burke, C. S.** (2018). Toward an understanding of team dynamics in the context of spaceflight. In

D. Carter (Chair), *Teamwork on the way to Mars: Organizational psychology applied to deep space*. Invited Symposium at the 30<sup>th</sup> Annual Meeting of the Association for Psychological Science, San Francisco, CA.

- 11) **Burke, C. S.** (2018). *The importance of temporal and contextual dynamics in understanding team roles*. Invited Speaker at the Team Science Summit, Rice University.
- 12) **Burke, C. S.** (2018). Science funding speed mentoring series. *DOD Funding*. Invited mentor. Presented at the 33<sup>rd</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Chicago, IL.
- 13) **Burke, C. S.** (2017). *Using the science of teams to inform GIFT development*. Presentation at the 2017 ARL-IIS GIFT Expert Workshop. Iowa State University, Ames, IA. June 2017.
- 14) **Burke, C. S.** (2017). Science funding speed mentoring series. Invited mentor. *Mistakes to avoid when submitting a proposal*. Presented at the 32<sup>nd</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Orlando, FL.
- 15) **Burke, C. S.** (2016). Science funding speed mentoring session. Invited mentor. *Mistakes to avoid when submitting a proposal*. Presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 16) **Burke, C. S.** (2015). Science funding speed mentoring session. Invited mentor. *Big versus small grants*. Presented at the 30<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Philadelphia, PA.
- 17) **Burke, C. S.** (2015). *Culture issues and mitigation strategies for teams in long-duration exploration missions*. Panel conducted at the 2015 Human Research Program Investigators Workshop, Behavioral Health and Performance Working Group (NASA), Galveston, TX.
- 18) Reinerman-Jones, L., & **Burke, C. S.** (Co-Chairs)(2015). *State, gaps, and future of modeling and simulation for HFE research and performance improvement*. Panel conducted at the DOD HFE TAG Meeting 69, Orlando, FL.
- 19) **Burke, C. S.** (2014, October). *Building an effective team: What the science tells us*. Invited presentation given at NATO RTG Meeting on Intelligent Tutoring Systems, Orlando, FL.
- 20) **Burke, C. S.** (2014). Science funding speed mentoring session. Invited mentor. *Seeking funding through the DoD: Issues and considerations*. Presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii
- 21) **Burke, C. S.** (2012). (Chair). *Application of diverse methodologies to studying distributed teams*. Invited symposium at the 24<sup>th</sup> Annual Meeting of the Association for Psychological Science, Chicago, IL, May 2012.
- 22) **Burke, C. S.** & Shuffler, M. L. (2012). Examining the impact of distribution and virtuality on team performance. In C. S. Burke (Chair), *Application of diverse methodologies to studying distributed teams*. Invited symposium at the 24<sup>th</sup> Annual Meeting of the Association for Psychological Science, Chicago, IL, May 2012.
- 23) **Burke, C. S.** (2012). (Chair). *Strategies for developing a successful research proposal: Perspectives across funding agencies*. Invited panel presented at the 24<sup>th</sup> Annual Meeting of the Association for Psychological Science, Chicago, IL, May 2012.
- 24) **Burke, C. S.** (2012)(Chair). *Looking at the impact of culture in collectives*. Invited symposium at the 24<sup>th</sup> Annual Meeting of the Association for Psychological Science, Chicago, IL, May 2012.

- 25) **Burke, C. S.** (2011). (Chair) *Leadership of collectives: An examination of emerging trends*. Invited symposium at the 23<sup>rd</sup> Annual Meeting of the Association for Psychological Science, Washington, DC, May 2011.
- 26) **Burke, C. S., DiazGranados, D., & Lyons, R. L.** (2011). Shared leadership in distributed teams. In C. S. Burke (Chair), *Leadership of collectives: An examination of emerging trends*. Invited symposium conducted at the 23<sup>rd</sup> Annual Meeting of the Association for Psychological Science, Washington, DC, May 2011.
- 27) **Burke, C. S.** (2008). *Optimizing team performance: A journey through 25 years of advancements*. Invited talk given at Air Force Research Laboratory's Workshop on Readiness and Performance: Optimizing the 21<sup>st</sup> Century Warfighter. Mesa, AZ, February 27-29, 2008.
- 28) **Burke, C. S., & Salas, E.** (2006). *Unlocking what we know about team effectiveness: Dyer revisited 25 years later*. Presented to the Army Research Institute's Strategic Advisory Board for the Leading Multinational Teams Program at the Leader Development Research Unit. Ft Leavenworth, KS, August 7, 2006.
- 29) **Burke, C. S., & Hess, K. P.** (2006). *Warrior readiness in coalition and collaborative teams*. Presented to the Army Research Institute's Strategic Advisory Board for the Leading Multinational Teams Program at the Leader Development Research Unit. Ft Leavenworth, KS, August 8, 2006.
- 30) **Burke, C. S. & Salas, E.** (2005). *Multicultural team research. Leadership, Commanders' Intent, and Operational Readiness (LCIOR) in Networked Enabled Operations (NEOPS) Working Session*. Invited talk. Orlando, Florida, April 12-13, 2005.
- 31) **Burke, C. S.** (2005). *Understanding team adaptation within the context of mission critical environments*. Invited address given at the 2<sup>nd</sup> Annual Meeting of the Society for Human Performance in Extreme Environments, Orlando, FL.
- 32) Fritzsche, B. A., **Burke, C. S.**, Flowers, L., \*Stagl, K., \*Wilson, K., & Salas, E. (2004). Improving team adaptability using contrasting cases training. In C. S. Burke & E. Salas (Chairs), *Emerging theoretical and empirical approaches used in team effectiveness research*. Invited symposium at the 16<sup>th</sup> Annual Convention of the American Psychological Society, Chicago, IL.
- 33) Zaccaro, S. J., Langkammer, K., Vilelle, N., Wheeler Poms, L., Salas, E., & **Burke, C. S.** (2004). Leadership and performance requirements across different types of multicultural and multinational collaborations. In C. S. Burke & E. Salas (Chairs), *Emerging theoretical and empirical approaches used in team effectiveness research*. Invited symposium at the 16<sup>th</sup> Annual Convention of the American Psychological Society, Chicago, IL.
- 34) **Burke, C. S., & Salas, E.** (Chairs). *Emerging theoretical and empirical approaches used in team effectiveness research*. Invited symposium at the 16<sup>th</sup> Annual Convention of the American Psychological Society, Chicago, IL.

### **Invited Presentations (State and Local Venues) [10 to date]**

- 35) **Burke, C. S.** (2023). *What a decade of research has taught me about team performance in space*. Cognitive Sciences Lab Summer Lecture Series. University of Central Florida, August 2023.
- 36) **Burke, C. S.** (2023). Panelist. *Post-doc and student engagement in research*. Panel conducted at the CCIE Summer Faculty Research Institute. University of Central Florida, May 2023.
- 37) **Burke, C. S.** (2019). *When failure is not an option: Investigating team dynamics in extreme environments*. Invited talk given as part of the Brown Bag series of talks given at the University of Central Florida's Psychology department

- 38) Fritzsche, B., Ilingsworth, J., Pace, V., & **Burke, S.** (2017). *Tips for SIOF 2017*, Panel member. Given as part of the Brown Bag series of talks given at the University of Central Florida's Psychology department.
- 39) **Burke, C. S.**, \*Perez, A., & \*Carusone, N. (2017). *Examining teams in mission critical and extreme environments*. Invited talk given as part of the Brown Bag series of talks given at the University of Central Florida's Psychology department.
- 40) **Burke, C. S.** (2015). *Investigating teams in the context of isolated, confined environments*. Invited talk given at Clemson University (Psychology Department).
- 41) **Burke, C. S.** (2015). *Team requirements for long duration space flight*. Invited talk given as part of the Brown Bag series of talks given in the University of Central Florida's Psychology department.
- 42) **Burke, C. S.** (2010). *Team performance in complex environments*. Invited talk given at the Institute for Simulation and Training's Lunch and Learn Series.
- 43) **Burke, C. S.** (2004). *Understanding the impact of stress on team process and performance: A methodology and initial findings*. Invited talk given to as part of the Brown Bag series of talks at the Institute for Simulation and Training.
- 44) **Burke, C. S.** (2002). *A systematic approach to team training*. Invited talk given to the Department of Applied Research and Technology at the Institute for Simulation and Training. September, Orlando, FL.

## REFEREED CONFERENCE PRESENTATIONS [264 to date]

### Papers Presented at International Conferences [9 to date]

\*Student under my direct supervision

- 1) \*Käosaar, A., Levesque, M., & **Burke, C.S.** (2023, June). *Being proactive on ice – the effect of self-directed learning activities on adaptation to isolated, confined, and extreme environments*. Presentation at the 2023 Scientific Committee on Antarctic Research (SCAR SC-HASS) Conference. Lisbon, Portugal.
- 2) \*Käosaar, A., Kohl-Fink, S., & **Burke, C.S.** (2023, June). *Interaction of individual differences, affective States, and teamwork outcomes in two antarctic stations*. Poster presented at the 2023 Scientific Committee on Antarctic Research (SCAR SC-HASS) Conference. Lisbon, Portugal.
- 3) **Burke, C. S.** (2022). In S. Raetze (Moderator), *Teamwork under adverse conditions: Initiating integrative thinking and cross-disciplinary learning*. Panelist. Panel held at the 17<sup>th</sup> Annual INGRoup Conference, Hamburg, Germany.
- 4) \*Kaosaar, A., **Burke, C. S.**, Driskell, T., & Driskell, J. E. (2022). *An eye towards understanding the role of emotion regulation in social resilience for long-duration space exploration*. Paper presented at the 17<sup>th</sup> Annual INGRoup Conference, Hamburg, Germany.
- 5) **Burke, C. S.** (2019). *Teamwork research in space: Sharing of experiences of those who are engaged in work that is shaping future space missions*. Panelist. Panel at the 14<sup>th</sup> Annual INGRoup Conference, Lisbon, Portugal.
- 6) Georganta, E., **Burke, C. S.**, Merk, S., & Mann, F. (2019). *Team performance over time: The dynamic interplay between team interaction patterns and emergent states*. Paper presented at the 14<sup>th</sup> Annual INGRoup Conference, Lisbon, Portugal.
- 7) \*Priest, H. A., **Burke, C. S.**, Salas, E., & \*Wilson, K. A. (2005, June). *Distributed teams: The impact of distribution on shared situational awareness and*

*decision making*. Paper presented at the 7<sup>th</sup> Annual International Conference on Naturalistic Decision Making, Amsterdam, the Netherlands.

- 8) \*Wilson, K. A., Salas, E., & **Burke, C. S.** (2005, June). *Crew resource management (CRM): Where are we after 20 years?* Paper presented at the 7<sup>th</sup> Annual International Conference on Naturalistic Decision Making, Amsterdam, the Netherlands.
- 9) **Burke, C. S.**, Salas, E., Paley, M., & Hess, K. (2003, October). *Identification of instructional strategies for training multinational teams: Beyond cultural awareness*. Paper presented at the International Conference on Team Resource Management in the 21<sup>st</sup> century, Daytona Beach, FL.

## **Papers Presented at National Conferences [247 to date]**

\*Student under my direct supervision

- 10) **Burke, C. S.** (2023). In S. Spark (Moderator). *Human factors and instruction design for immersive learning impact*. Panelist. Panel held at the VR/AR Association Enterprise and Training Forum. Virtual Conference.
- 11) **Burke, C.S.**, Wiese, C., \*Szabo, K., & \*Kaosaar, A. (2023). Battling the Sea: A historiometric investigation of resilience in high stakes sailboat racing teams. In S. Hartmann & K. Brykman (Chairs), *Adversity and team resilience*. Symposium presented at the 83<sup>rd</sup> Annual Meeting of the Academy of Management, Boston, MA.
- 12) **Burke, C. S.** (2023). In S. Raetze (Moderator). *Going into the wild to deepen our understanding of team adversity*. Panelist. Panel held at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 13) **Burke, C. S.** (2023). In \*A. Kaosaar (Moderator). *Crew dynamic support in long-distance exploration missions: Where are we? What are we missing?* Panelist. Panel held at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 14) \*Kaosaar, A., Kohl-Fink, S., Thomas, S., **Burke, C. S.**, & Uusberg, A. (2023). *A fine-grained analysis of the interactions between individual differences and experienced challenges on affective states and behavioral responses in isolated, confined, and extreme teams*. Paper presented at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 15) \*Kaosaar, A., \*Szabo, K., Amon, M. J., Driskell, T., Driskell, J., & **Burke, C. S.** (2023). Do fluctuation patterns of affective states indicate differences in teamwork outcomes – Utilizing the potential of longitudinal data for manned spaceflight. Paper presented at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 55) LeNoble, C. A., Lipman, K., **Burke, C. S.**, & Jenkins, M. R. (2023, November). *A burning question: What makes prescribed fire multiteam systems resilient?* Paper to be presented as part of symposium to be held at the Work, Health, & Stress Conference, Miami, FL.
- 16) LeNoble, C. A., Llanos, K., Lipman, K., **Burke, C. S.**, & Jenkins, M. R. (2023). *A burning question: What makes prescribed fire teams resilient?* Poster to be presented at the 2023 Natural Hazards Workshop, Boulder, CO.
- 17) \*Szabo, K. & **Burke, C. S.** (2023). *Examining the “Me” in Team: The relationship between narcissism and team decision-making*. Paper presented at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 18) \*Szabo, K., Harrison, C. K., & **Burke, C. S.** (2023). Examining the relationship between diversity and team performance in the NBA. Poster presented at the 18<sup>th</sup> Annual INGRoup Conference, Seattle, WA.
- 19) \*Kaosaar, A., \*Szabo, K., \*Mccollum, M., **Burke, C. S.**, & Wiese, C. (2023). *What do we*

*know about team resilience triggers: Assessing the state of the literature.* Poster presented at the 2023 Annual Conference for the Society for Industrial and Organizational Psychology, Boston, MA.

- 20) **Burke, C. S.,** \*Szabo, K., & \*Kaosaar, A. (2023). *Gaining insight into team dynamics in multicultural crews: A SIRIUS perspective.* Paper presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 21) Carter, D. R., Shuffler, M. L., DeChurch, L. A., Contractor, N., Schecter, A., Lungeneau, A., Landon, L. **Burke, S.,** Zaccaro, S. J., Pendergraft, G., Gerkin, E., Pearman, J., & Wolf, A. (2023). Project FUSION: A countermeasure toolkit for spaceflight multiteam system coordination and performance. Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 22) Driskell, T., **Burke, C. S.,** & Driskell, J. E. (2023). *Astronaut perceptions of interpersonal relations in long-duration spaceflight.* Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 23) \*Kaosaar, A., **Burke, C. S.,** & Amon, M. J. (2023). *Nonlinear dynamics of team affect in long-duration spaceflight.* Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 24) \*Kaosaar, A., & **Burke, C. S.** (2023). *The role of emotional expressivity in interpersonal relationships in long-duration spaceflight.* Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 25) \*Kaosaar, A., **Burke, C. S.,** & Uusberg, A. (2023). *To suppress, or express? That is the question. The effect of prevalent emotion regulation and coping mechanisms on team dynamics in long-duration spaceflight.* Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 26) \*Szabo, K., & **Burke, C. S.** (2023). *The role of cultural diversity in spaceflight across time: A cross-examination of the Shuttle-Mir, ISS, SIRIUS '19, and SIRIUS '21 missions.* Poster presented at the 2023 Human Research Program Investigators Workshop. Galveston, TX.
- 27) **Burke, C. S.,** \*Szabo, K., \*Kaosaar, A., & \*Lewis, A. (2022). Exploring culture and crew dynamics: Application of a linguistic lens. In L. Landon & S. Huppman (Chairs), *Team communication: New tools and avenues for analysis.* Symposium conducted at the NASA 2022 Human Research Program Investigators' Workshop, Virtual Meeting.
- 28) Driskell, T., **Burke, C. S.,** & Driskell, J. E. (2022). Interpersonal dynamics in spaceflight: An archival study. In J. Garrett & B. Gore (Chairs), *Team composition in isolated, confined, and extreme (ICE).* Symposium conducted at the NASA 2022 Human Research Program Investigators' Workshop, Virtual Meeting.
- 29) Pendergraft, J., Carrter, D., Pearman, J., Gerkin, E., Shuffler, M., DeChurch, L., Contractor, N., Schecter, A., Lungeneau, A., Landon, L., **Burke, S.,** & Zaccaro, S. (2022). Project FUSION: NASA critical incidents reveal the nature of multiteam system adaptation. In L. Landon & L. Juliette (Chairs), *Multi-teams and mixed teams.* Symposium conducted at the NASA 2022 Human Research Program Investigators' Workshop, Virtual Meeting.
- 30) \*Rivera, M., Min, H., & **Burke, C. S.** (2022). *Team virtuality and psychological safety: An experiment.* Presented at the 38<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Seattle, Washington.
- 31) \*Szabo, K., & **Burke, C. S.** (2022). *Examining the impact of individual cultural profiles on team adaptation: A theoretical overview.* Poster presented at the NASA 2022 Human Research Program Investigators' Workshop, Virtual Meeting.
- 32) **Burke, C. S.** (2021). Panelist. *Robotics, AI, & Tech in Multiteam Systems: An Interactive Panel +*



- Research Incubator*. Panel conducted at the 37<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology. Virtual Meeting.
- 33) **Burke, C. S.** & \*Szabo, K. (2021). Turning cultural differences into synergy: An initial look. In C.P. R. Scott & J. L. Wildman (Co-Chairs), *Clarifying the impact of diversity on team dynamics*. Symposium conducted at the 37<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology. Virtual Meeting.
- 34) **Burke, C. S.** (2021). Discussant. In E. Georganta, A.S. Ulfert (Chairs), *Team-level resources: The answer to today's organizational challenges*. Symposium presented at the 81st Annual Meeting of the Academy of Management. Virtual Meeting.
- 35) **Burke, C. S.**, \*Szabo, K., \*Lewis, A., & Salas, E. (2021). Insight into the impact of cultural values on team dynamics within a 4-month analog mission. Symposium presented at the NASA Human Research Program Investigators' Workshop, Virtual Meeting.
- 36) Käosaar, A., Marques-Quinteiro, P., & **Burke, S.** (2021, November) *Trust dynamics in isolated, confined, and extreme environments*. Panel presentation at the SC-HASS Biennial Conference: The Global Antarctic, Virtual Presentation.
- 37) \*Szabo, K., Erengin, T., & **Burke, C. S.** (2021). *The role of cultural diversity in spaceflight*. Poster presented at the 37<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology. Virtual Meeting.
- 38) \*Szabo, K., Erengin, T., & **Burke, C. S.** (2021). *Investigating the challenges in cultural diversity in long duration spaceflight*. Poster presented at the Association for Psychological Science. Virtual Meeting.
- 39) **Burke, C. S.**, Driskell, T., Driskell, J. E., & Salas, E. (2020). Team roles matter in space exploration: Insight and prescriptive guidance. In D. Dempsey & L. Landon (Co-Chairs), *Team composition and countermeasures*. Symposium presented at the NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 40) **Burke, C. S.**, Wiese, C., \*Szabo, K., \*Moavero, J., & \*Halfman, T. (2020). Taking a deeper dive into team resilience: Unpacking triggers and associated team responses. In S. Raetze, S. Duchek, & C. S. Burke (Chairs), *Team resilience and team adaptation*. Symposium presented at the 15<sup>th</sup> Annual Conference of the Interdisciplinary Network of Group Researchers (INGROUP), Seattle, Washington. Virtual Meeting.
- 41) \*Halfman, T., \*Szabo, K., **Burke, C. S.**, \*Smith, H., & Wiese, C. W. (2020). Trust in leadership: Looking across levels and time. In A. Thayer & J. L. Wildman (Chairs), *Cutting edge approaches to studying trust in organizations*. Symposium presented at the 36<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Austin, TX. Virtual Meeting.
- 42) \*Szabo, K., \*Moavero, J., Paoletti, J. **Burke, C. S.**, & Salas, E. (2020). Examining cultural diverse spaceflight crews: Challenges and emerging collaborative practices. In J. Garrett & L. Juliette (Co-Chairs), *Teams in SIRIUS: A 4-month isolation analog*. Symposium presented at the NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 43) Pendergraft, J., Alvarado, L., Smith, J., Carter, D., Shuffler, M., Zaccaro, S., **Burke, S.**, & Landon, L. (2020). *Project FUSION: Field studies providing a foundation of understanding about spaceflight multiteam system coordination and performance*. Poster presented at the NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 44) Pendergraft, J., Carter, D., Shuffler, M., DeChurch, L., Schecter, A., Contractor, N., Trainer, H., Jones, J., Alvarado, L., Smith, J., Plummer, G., Larson, L., Zaccaro, S., **Burke, S.**, & Landon, L. (2020). *Project FUSION: Development of a four-phase countermeasure toolkit to support spaceflight multiteam system performance*. Poster presented at the NASA Human Research Program Investigators' Workshop, Galveston, TX.

- 45) Georganta, E., **Burke, C. S.**, Merk, S., & Mann, F. (2019). *Team performance over time: The dynamic interplay between team interaction patterns and emergent states*. Paper presented at the 14<sup>th</sup> Annual Conference of the Interdisciplinary Network for Group Research (INGRoup), Lisbon, Portugal.
- 46) **Burke, C. S.** (2019). *Teamwork research in space: Sharing the experiences of those are engaged in work that is shaping future space missions*. Panel at the 14<sup>th</sup> Annual Conference of the Interdisciplinary Network for Group Research (INGRoup), Lisbon, Portugal.
- 47) **Burke, C. S.**, \*Halfman, T., Kilcullen, M., Driskell, T., Driskell, J. E., & Salas, E. (2019). *Exploring team roles on ICE: A longitudinal investigation with Antarctic Winter-Over Teams*. Poster presented at NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 48) **Burke, C. S.**, Hernandez, C., Kilcullen, M., & Salas, E. (2019). Exploring team role dynamics in Antarctic Winter-over teams. In I. Gokhman & L. DeChurch (Co-Chairs), *Failure is not an option: Discovering the dynamics of spaceflight teams*. Symposium presented at the 35<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Washington, DC.
- 49) **Burke, C. S.**, Paoletti, J., \*Moavero, J., Dinh, J., \*Szabo, K., & Salas, E. (2019). *Identifying trigger points for teamwork degradations: Examining cultural diversity in spaceflight teams*. Poster presented at NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 50) Campbell, L. N., **Burke, C. S.**, & Wiese, C. (2019). Adaptation and resilience of extreme teams. In E. Georganta & C. S. Burke (Chairs), *Unpacking team adaptation and team resilience*. Symposium presented at the 35<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Washington, DC.
- 51) Georganta, E., & **Burke, C. S.** (2019). (Co-Chairs). *Unpacking Team Adaptation and Team Resilience*. Symposium presented at the 35<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Washington, DC.
- 52) \*Hernandez, C., **Burke, C. S.**, & Shuffler, M. L. (2019). *Resilience within the context of second victims: A proposed conceptual model*. Poster presented at the 35<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Washington, DC.
- 53) **Burke, C. S.** (2018). *Ouch, that trust fall hurts! Translating the science of team affect into evidence-based team and multiteam system development interventions*. Panel at the Annual Conference of the Interdisciplinary Network for Group Research (INGRoup), Bethesda, MD.
- 54) \*Hernandez, C., **Burke, C. S.**, Shuffler, M., Savage, N., Verhoeven, D., Flynn, M., Kramer, W., & Wiese, C. (2018). *Lessons learned: A dive into shared leadership*. Presentation at the 13<sup>th</sup> Annual Conference of the Interdisciplinary Network for Group Research (INGRoup), Bethesda, MD.
- 55) **Burke, C. S.** (2018). Advanced analytics on wearables data in J&J's Digital Innovation Lab. Panel presented at HIMSS 2018, Las Vegas, Nevada.
- 56) **Burke, C. S.** (2018). In J. Feitosa & J. Dinh (Co-Chairs), *Understanding culture's consequences: Thinking outside of the methodological box*. Discussant. Symposium presented at the 33<sup>rd</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 57) **Burke, C. S.** (2018). In L. A. DeChurch & A. Niler (Chairs), *A question of time: Multidisciplinary approaches to understanding team dynamics*. Panel discussant, IGNITE session at the 33<sup>rd</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 58) **Burke, C. S.**, & Georganta, E. (2018) (Co-Chairs). *Measurement advances in assessing team processes*. Symposium presented at the 33<sup>rd</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.

- 59) **Burke, C. S.**, Shuffler, M., \*Hernandez, C., Savage, N., Wiese, C., \*Howell, R., Verhoeven, D. (January, 2018). *Lessons learned about team leadership & followership within isolated, confined environments*. Poster presented at NASA Human Research Program Investigators' Workshop, Galveston, TX.
- 60) Driskell, T., Driskell, J., **Burke, C. S.**, & Salas, E. (2018). Measuring team roles in mission critical environments: An analog study. In S. E. Frick, P. S. Ramsay, & W. Bedwell (Chairs), *Modern methods for assessing team composition variables*. Symposium presented at the 33rd Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 61) Flynn, M. L., Savage, N., Shuffler, M. L., & **Burke, C. S.** (2017). *How des social intelligence influence teams? An empirical Investigation*. Poster presented at the 33rd Annual Conference for the Society for Industrial and Organizational Psychology, Chicago, IL.
- 62) Georganta, E., **Burke, C. S.**, & Brodbeck, F. C. (2018). Measuring the team adaptation process. In C. S. Burke & E. Georganta (Chairs), *Measurement advances in assessing team processes*. Symposium presented at the 33rd Annual Conference for the Society of Industrial and Organizational Psychology, Chicago, IL.
- 63) \*Hernandez, C., \*Howell, R., Wiese, C., & **Burke, C. S.**, (2018). *Team learning behaviors: A meta-analysis of direct effects and moderators*. Poster presented at the 33rd annual conference for the Society for Industrial and Organizational Psychology, Chicago, IL.
- 64) \*Hernandez, C., **Burke, C. S.**, & Shuffler, M. L. (2018). *The role of healthcare supervisors in event reporting: Moderators and mediators*. Poster to be presented at the 33rd annual conference for the Society for Industrial and Organizational Psychology, Chicago, IL.
- 65) \*Hernandez, C., Burke, C. S., Shuffler, M., Savage, N., Verhoeven, D., Flynn, M., Kramer, W., & Wiese, C. (July, 2018). *Lessons learned: A dive into shared leadership*. Poster presentation at the 13th annual meeting of Interdisciplinary Network for Group Research, Bethesda, MD.
- 66) **Burke, C. S.** (2017). *The amazing diversity in the research landscape of team training: What do we know and what is still left to be learned*. Panel to be held at the 12th Anniversary Conference of the Interdisciplinary Network for Group Research (INGRoup), Saint Louis, MO.
- 67) **Burke, C. S.** (2017). *Team dynamics in the context of spaceflight*. Paper presented at the Mars Mission Social Sciences Workshop. Kennedy Space Center, Titusville, FL.
- 68) **Burke, C. S.**, Driskell, J. E., \*Howell, R., Marlow, S., Driskell, T., & Salas, E. (2017). *Team roles revisited*. Presented at the NASA Human Research Program Investigators' Workshop, Galveston Island, TX.
- 69) **Burke, C. S.**, Marlow, S., Iwig, C., & Salas, E. (2017). Examining team roles in spaceflight. In L. DeChurch (Chair), *Exploring New Frontiers: Building Better Teams on Earth and Beyond*. Symposium presented at the 32nd Annual Conference for the Society of Industrial and Organizational Psychology, Orlando, FL.
- 70) **Burke, C. S.**, & Salas, E. (2017). *Facilitating the synergistic side of cultural diversity in long duration space exploration*. Presented at the NASA Human Research Program Investigators' Workshop, Galveston Island, TX.
- 71) **Burke, C. S.**, Shuffler, M., Wiese, C., \*Hernandez, C., & Flynn, M. (2017). *Shared leadership in isolated, confined environments (ICE)*. Presented at the NASA Human Research Program Investigators' Workshop, Galveston Island, TX.
- 72) Diego, M. **Burke, C. S.**, \*Hernandez, C., \*Howell, R., & McDonnell, J. S. (October, 2017). *Distributed soldier representation: Modeling and simulation representations of the human aspects of the soldier*. Symposium presented at the 55th Army Operations Research Symposium (AORS), Aberdeen Proving Ground, MD.

- 73) Fiore, S., **Burke, S.**, & Salas, E. (2017). *Integrating research approaches for individual and team level cognition in long distance exploration missions*. Poster presented at the NASA Human Research Program Investigators' Workshop, Galveston Island, TX.
- 74) \*Hernandez, C., **Burke, C. S.**, & Shuffler, M. L. (July, 2017). Impact of leaders on patient safety perceptions and event reporting. In C. Hernandez (Chair). *A deeper dive into team leadership: An examination across contexts*. Symposium presented at the 12th Annual Conference for Interdisciplinary Network for Group Research, Saint Louis, MO.
- 75) \*Monksy, D., \*Hernandez, C., \*Shah, P., & **Burke, C. S.** (2017). Examining shared leadership in space exploration: An analog perspective. In J. L. Wildman (Co-Chair), *Cutting edge perspectives of shared leadership networks*. Symposium presented at the 32<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Orlando, FL.
- 76) \*Monksy, D., Lacerenza, C., \*Howell, R., **Burke, C. S.**, Salas, E. (2017) *Team roles and role triggers in long duration exploration missions*. Poster presented at the 32<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Orlando, FL.
- 77) **Burke, C. S.**, Shuffler, M., & Wiese, C. (2017). Examining the behavioral and structural characteristics of team leadership in isolated, confined environments. In N. Savage & M. Jiminez (Co-Chairs), *What matters in team functioning: Considering the context of extreme teams*. Symposium to be presented at the 12<sup>th</sup> Anniversary Conference of the Interdisciplinary Network for Group Research (INGRoup), Saint Louis, MO.
- 78) Shuffler, M. L., Verhoeven, D., **Burke, C. S.**, \*Hernandez, C., & Tappert, T. (June, 2017). Developing healthcare leaders to enhance teamwork and patient safety: An intervention for improving leadership skills in relationship management. In *Leadership in healthcare: Influence on climate, performance, and well-being*. Paper presented at the 12th International Conference for Work, Stress, and Health, Minneapolis, MN.
- 79) Verhoeven, D. C., Savage, N., Farago, P., Flynn, M., Shuffler, M., & **Burke, C. S.** (2017). *How does social intelligence influence teams? An empirical investigation*. Poster to be presented at 12<sup>th</sup> Anniversary Conference of the Interdisciplinary Network for Group Research (INGRoup), Saint Louis, MO.
- 80) Verhoeven, D., Shuffler, M. L., \*Hernandez, C., & **Burke, C. S.** (July, 2017). Leveraging relationship-oriented leadership skills for healthcare teamwork & patient safety perceptions: An intervention for healthcare leaders. In C. Hernandez (Chair). *A deeper dive into team leadership: An examination across contexts*. Symposium presented at the 12th Annual Conference for Interdisciplinary Network for Group Research, Saint Louis, MO.
- 81) Woods, A. L., Scotese, T., Feitosa, J., **Burke, C. S.** (2017). The What, How, and When of Team Feedback Delivery? In S.L. Marlow & J. Feitosa (Co-Chairs), *Team-Related Constructs: How and What to Measure?* Symposium presented at the 32<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Orlando, FL.
- 82) **Burke, C. S.**, Driskell, T., Driskell, J., & Salas, E. (2016). *Moving towards a better understanding of team roles in isolated, confined environments*. Poster presented at the 2016 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 83) **Burke, C. S.**, Shuffler, M. L., & Kramer, W. (2016). *Vocal intensity: A team leadership metric and diagnostic tool*. Poster presented at the 2016 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 84) **Burke, C. S.**, Shuffler, M. L., Wiese, C., & Howell, R. (2016). Investigating shared leadership in isolated, confined environments: An analog perspective. In L. B. Landon (Chair), *Simulating space missions: Findings from high-fidelity research analogs*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.

- 85) **Burke, C. S.**, Shuffler, M. L., Wiese, C., & Howell, R. (2016). Examining team leadership in isolated, confined environments. In C. S. Burke & C. Wiese (Co-Chairs), *Examining team process and performance requirements in mission critical teams*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 86) **Burke, C. S.**, & Wiese, C. W. (2016) (Co-Chairs). *Examining team process and performance requirements in mission critical teams*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 87) Driskell, T., **Burke, C. S.**, Gregory, M. E., Driskell, J. E., & Salas, E. (2016). Using analog environments to examine team roles in exploration missions. In L. B. Landon (Chair), *Simulating space missions: Findings from high-fidelity research analogs*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 88) Kramer, W. S., Shuffler, M. L., Flynn, M., & **Burke, C. S.** (2016). Listen to me! Vocal intensity as a team leadership metric. In N. Contractor & G. K. Plummer (Co-Chairs), *Novel ways to understand and assess teamwork*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 89) Lacerenza, C. N., Iwig, C., Gregory, M.E., Thayer, A. L., **Burke, C. S.**, Driskell, T., Driskell, J., & Salas, E. (2016). Team role composition and vulnerability in long duration space flight. In C. S. Burke & C. Wiese (Co-Chairs), *Examining team process and performance requirements in mission critical teams*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 90) Salas, E., Driskell, J., Driskell, T., & **Burke, C. S.** (2016). *Detecting stress effects in spaceflight teams using real-time lexical indicators*. Poster presented at the 2016 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 91) Verhoeven, D. C., Shuffler, M. L., Kramer, W. S., & **Burke, C. S.** (2016). Distrust: A novel approach to shared leadership and performance. In C. L. Lacerenza & K. L. Cullen-Lester (Co-Chairs), *Develop me! Novel Approaches to Enhance Leadership*. Symposium presented at the 31<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Anaheim, CA.
- 92) Zajac, S., Perez, A., **Howell, R.**, Burke, S., Dinh, J., & Salas, E. (2016). *Facilitating the synergistic side of cultural diversity in LDSE: Identification of challenges and development of cultural training*. Poster presented at the biennial Cross-Cultural Management Summit, Melbourne, FL.
- 93) **Burke, C. S.**, Sottolare, R., Johnston, J., & Salas, E. (2015). *Building intelligent tutoring systems for teams: What matters*. Tutorial presented at the Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC) 2015, Orlando, FL.
- 94) **Burke, C. S.**, & \*Feitosa, J. (2015). *Culture's effect on team functioning in spaceflight: A review and identification of gaps*. Poster presented at the 2015 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 95) **Burke, C. S.**, Salas, E., & \*Shuffler, M. (2015). *Leadership-followerhip: Moving beyond traditional leadership to build highly functioning autonomous teams*. Poster presented at the 2015 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 96) **Burke, C. S.**, & \*Shuffler, M. L. (2015). Shared leadership: Building autonomous teams in long duration spaceflight. In J. L. Wildman & M. L. Shuffler (Co-Chairs), *Shared leadership in teams: Contemporary perspectives in diverse contexts*. Symposium presented at the 30<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Philadelphia, PA

- 97) **Burke, C. S.** (2015). In W. B. Vessey (Chair), *Emerging Issues in the Study of Spaceflight Teams*. Panel at the 30<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Philadelphia, PA.
- 98) \*Feitosa, J., **Burke, C. S.**, Salas, E., Holden, H., & Johnston, J. (2015). *Relative Importance of Teamwork Features: A Meta-Analytic Path Analysis*. Poster presented at the 30th annual meeting of the Society for Industrial and Organizational Psychology, Philadelphia, PA.
- 99) \*Feitosa, J., **Burke, C. S.**, & Salas, E. (2015). *Exploring Cultural Diversity in Space Exploration: The Role of Context*. Poster presented at the 30th annual meeting of the Society for Industrial and Organizational Psychology, Philadelphia, PA.
- 100) Hughes, A.M., Cooper, T., Bisbey, T.M., Savage, N.M., **Burke, C.S.**, & Salas, E. (April, 2015). Distributed expertise in healthcare: The new frontier for measurement. In T. Koehler, A.M. Hughes, & C.N. Lacerenza (co-chairs), *#VirtualTeam Development: Applying the Science*. Symposium conducted at the 30th Annual Meeting of the Society for Industrial Organizational Psychology, Philadelphia, PA.
- 101) \*Iwig, C., \*Gregory, M., \*Thayer, A., \*Shimono, M., **Burke, C. S.**, Driskell, T., Driskell, J., & Salas, E. (2015). *Team role composition and vulnerability in long duration space flight*. Poster presented at the 10<sup>th</sup> Anniversary Conference of the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh, PA.
- 102) Kramer, W. S., Savage, N., Verhoeven, D. C., Shuffler, M. L., & **Burke, C. S.** (2015). *An examination of the antecedents to shared leadership in distributed teams: Considering individual differences and complex contexts*. Presentation conducted at the 10<sup>th</sup> Anniversary Conference for the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh, PA.
- 103) \*Lacerenza, C. N., \*Marlow, S. L., Guler, C. \*Feitosa, J., **Burke, C. S.**, & Salas, E. (2015). *Predictive power of cognition: A meta-analytic structural equation model*. Poster presented at the 30<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Philadelphia, PA.
- 104) Salas, E., **Burke, C. S.**, Fiore, S. M., & Driskell, J. (2015). *Dynamic team role allocation in long duration, exploration missions: Identification of roles, triggers, and measurement tools*. Poster presented at the 2015 Human Research Program Investigators Workshop (NASA), Galveston, TX.
- 105) Salas, E., Driskell, T., **Burke, C. S.**, Driskell, J., & Neuberger, L. (2015). Assessing individual and team functioning “at a distance”. In W. B. Vessey (Chair), *Teams on ICE: Team Research in Spaceflight Analogs*. Symposium conducted at the 30th Annual Meeting of the Society for Industrial Organizational Psychology, Philadelphia, PA.
- 106) Savage, N., Kramer, W. S., Verhoeven, D. C., Shuffler, M. L., **Burke, C. S.**, & Salas, E. (2015). Are distributed teams more stressed? The influence of distribution on justice and stress. Presentation at the 10<sup>th</sup> Anniversary Conference for the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh, PA.
- 107) Verhoeven, D. C., Savage, N., Kramer, W. S., Shuffler, M. L., & **Burke, C. S.** (2015). *Moving beyond traditional leadership to build highly functioning autonomous teams*. Poster presented at the 10<sup>th</sup> Annual Conference for the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh, PA.
- 108) \*Wiese, C., Coultas, C., **Burke, C. S.**, & Salas, E. (2015). *Manipulating power distance: Towards an adaptive cultural priming methodology*. Poster presented at the 30<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Philadelphia, PA.

- 109) **Burke, C. S.** (2014). In M. L. Shuffler (Chair), *Bridging multiteam systems research and practice: A rapid fire interdisciplinary response*. Panel discussion to be presented at the 9<sup>th</sup> Annual INGRoup Conference, Raleigh, NC.
- 110) **Burke, C. S.**, \*DiazGranados, D., & Heyne, K. (2014). Examining the role of trust in partially distributed multiteam systems. In C. A. Fulmer & J. L. Wildman (Chairs), *Trust in organizations across levels: Interpersonal, team, and multiteam*. Presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 111) **Burke, C. S.**, \*Thayer, A. L., \*Grossman, R. Salas, E., DiRosa, G., Estrada, A. X., & DeCostanza, A. H. (2014). Impact of leadership on cohesion across echelons in Army Battalions. In C. S. Burke & S. Nesse (Chairs), *Team leadership: When lives depend on it*. Presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 112) \*Grossman, R., **Burke, C. S.**, & Salas, E. (2014). *Cohesion: Examining its development in virtual, distributed environments*. Poster presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 113) \*Kramer, W. S., \*Shuffler, M., **Burke, C. S.**, & Salas, E. (2014). Personality's impact on shared leadership and outcomes in virtual teams. In V. L. Pace and A. D. Schantz (Co-Chairs), *Leadership and teamwork in the global-virtual workplace*. Symposium to be presented at the Annual Meeting of the Academy of Management, Chicago, IL.
- 114) \*Shuffler, M.L., **Burke, C.S.**, \*Kramer, W.S., \*Savage, N., Bleiberg, M., & Salas, E. (2014). The role of political skill in virtual team leadership emergence. In C. Rubino (Chair), *From a distance: Which individual differences matter in virtual teams?* Presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 115) \*Shuffler, M.L., **Burke, C.S.**, \*Kramer, W.S., \*Savage, N., & Salas, E. (2014). Leading together yet apart: *Collective leadership in distributed virtual teams*. Poster presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 116) \*Thayer, A. L., \*Gregory, M. E., \*Grossman, R., **Burke, C. S.**, & Salas, E. (2014). *Toward development and validation of an unobtrusive unit cohesion measure*. Poster presented at the 29<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, Honolulu, Hawaii.
- 117) **Burke, C. S.** (2013). In W. Bedwell & M. Clark (Chairs), *Attitudes: The driving force behind effective team process*. Panel conducted at the 8<sup>th</sup> Annual INGRoup Conference, Atlanta, GA. Panel member.
- 118) **Burke, C. S.**, & \*Grossman, R. (Chairs)(2013). *Examining shared leadership in virtual teams: Theoretical and empirical insights*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 119) **Burke, C. S.**, \*Shuffler, M. L., Fiore, S. M., & Salas, E. (2013). Shared leadership structure and emergence in virtually distributed teams. In C. S. Burke & R. Grossman (Chairs), *Examining shared leadership in virtual teams: Theoretical and empirical insights*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 120) **Burke, C. S.**, \*Thayer, A. L., \*Grossman, R., Salas, E., DiRosa, G., & Estrada, A. X.

- (2013). Cohesion in large scale, complex systems: A focus on the role and measurement of shared knowledge. In M. A. Clark & J. A. Espinosa (Chairs), *Team knowledge measurement and representation in large collectives*. Symposium presented at the Annual Meeting of the Academy of Management, Orlando, FL. Showcase Symposium.
- 121) \*Coultras, C., Salazar, M. R., **Burke, C. S.**, & Salas, E. (2013). Effects of cultural values/norms on affective responses to incivility. In N. M. Ashkanasy, J. M., Diefendorff (Chairs), *Context, emotions, and performance*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 122) \*Grossman, R., **Burke, C. S.**, Salas, E., & Ng Mon, C. (2013). Examining identity, shared leadership, and cohesion in virtual teams. In C. S. Burke, & R. Grossman (Chairs), *Examining shared leadership in virtual teams: Theoretical and empirical insights*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 123) \*Grossman, R., \*Thayer, A. L., **Burke, C. S.**, Hunter DeCostanza, A., Estrada, A., DiRosa, G., & Salas, E. (2013). *Conceptualizing cohesion at multiple levels: A theoretical model*. Poster presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 124) \*Kramer, W. S., \*Savage, N. M., Davis, C., \*Shuffler, M. L., **Burke, C. S.**, & Salas, E. (2013). Tolerance for ambiguity's impact on emergence of leadership and outcomes. In J. Hirshberg, W. S. Kramer, & N. M. Savage (Chairs), *Team leadership in culturally diverse, virtual environments*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 125) Reynolds, R., **Burke, C. S.**, & Salas, E. (2013). *Communication and coordination in distributed unmanned aircraft systems*. Poster to be presented at the 17<sup>th</sup> International Symposium on Aviation Psychology, Wright State University.
- 126) Rico, R., Salas, E., **Burke, S.** & Fiore, S. (2012) A multilevel model of multiteam systems coordination. *Paper presented to the EAWOP Small Group Meeting on Multiteam systems*, 2012, Varenna, Italy.
- 127) \*Shuffler, M. L., **Burke, C. S.**, \*Bleiberg, M. A., \*Savage, N. M., & Salas, E. (2013). Influences of leadership characteristics on virtual team leadership network structures. In L. A. DeChurch & D. R. Carter (Chairs), *Leading the way: Incorporating network analytics into leadership research*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 128) \*Shuffler, M. L., **Burke, C. S.**, Fahey, R. J., & Salas, E. (2013). Collective orientation's influence on shaping leadership in virtually distributed teams. In J. L. Wildman & A. L. Thayer (Co-Chairs), *The impact of culture on teams: Combining complementary research*. Symposium presented at the 28<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, Houston, TX.
- 129) \*Shuffler, M.L., **Burke, C.S.**, \*Heyne, K., & Salas, E. (2013). *Diversity in team leadership structure: Influences on distributed & virtual team outcomes*. Paper Presentation. Interdisciplinary Network for Group Research (INGRoup) 8th Annual Conference, Atlanta, GA, July 2013.
- 130) \*Zajac, S., \*Heyne, K., Bui, T., \*Shuffler, M., **Burke, C. S.** (2013). Leading geographically distributed teams: What leader behaviors are most salient. In S. D. Charlier, K. Heyne, & S. Zajac (Chairs), *The influence of geographical distribution on shared leadership*. Symposium presented at the Annual Meeting of the Academy of Management, Orlando, FL.
- 131) **Burke, C.S.**, \*Shuffler, M.L., & Fiore, S. (2012). In M. Shuffler, C. Wiese, T.



- Koehler (Chairs), *Virtuality & cultural diversity in teams: Creating challenges or opportunities?* Symposium presented at the Annual Meeting of the Academy of Management, Boston, MA.
- 132) **Burke, C. S.**, \*Shuffler, M. L., & Fiore, S. (2012). Leadership structure: Mitigation strategies for decrements in virtually distributed teams. In M. Shuffler, T. Koehler, & C. W. Wiese (Chairs), *Virtuality and cultural diversity in teams: Creating challenges or opportunities*. Symposium presented at the Annual Meeting of the Academy of Management, Boston, MA.
- 133) \*Shuffler, M. L., **Burke, C. S.**, & Fiore, S. (2012). Leading distributed teams: The influence of composition and virtual tools. In K. M. Bartol, E. M. Campbell-Bush (Chairs), *Advances in highly virtual teams: Key composition, leadership, and shared process components*. Symposium presented at the Annual Meeting of the Academy of Management, Boston, MA.
- 134) \*Cook, J., Davis, C., Sablon, K., \*Wiese, C.W., \*Shuffler, M.L, & **Burke, C.S.** (2012). *Leadership across levels in multicultural collaborations*. Presented at the annual meeting of Industrial Organizational and Organizational Behavior, Orlando, FL.
- 135) \*Coultas, C.W., \*Shuffler, M.L., \*Wiese, C.W., **Burke, C.S.**, & Salas, E. (2012). *Implicit functional leadership theories: Leader legitimacy given hierarchy and context*. Poster presented at presented at the 27th Annual Conference for the Society for Industrial and Organizational Psychology, San Diego, CA.
- 136) \*DiazGranados, D., Smith-Jentsch, K. A., Salas, E., & **Burke, C. S.** (2012). Can leaders improve the performance of multicultural teams? In K. A. Smith-Jentsch & D. DiazGranados (Chairs), *How and when does team composition affect performance*. Presented at the 27th Annual Conference for the Society for Industrial and Organizational Psychology, San Diego, CA
- 137) Hunter DeCostanza, Dirosa, G., & **Burke, C. S.** (2012). Camouflaged: Unobtrusively tracking Army unit cohesion over time. In G. F. Goodwin & A. Hunter DeCostanza (Chairs), *Get out of the way! Unobtrusive measures of team constructs*. Presented at the 27th Annual Conference for the Society for Industrial and Organizational Psychology, San Diego, CA
- 138) \*Savage, N., \*Shuffler, M.L., Cotter, S., **Burke, C.S.**, \*Grossman, R., \*Kramer, W., & \*Heyne, K. (2012). *The influence of distribution and virtuality on team leadership structure*. Poster presented at the annual meeting of Industrial Organizational and Organizational Behavior, Orlando, FL.
- 139) \*Shuffler, M.L., Bleiberg, M., Bui, T., Pogan, C., & **Burke, C.S.** (2012). *Where do we belong? Identity development in multiteam systems*. Paper presented at the annual meeting of Industrial Organizational and Organizational Behavior, Orlando, FL.
- 140) \*Shuffler, M.L., **Burke, C.S.**, & Salas, E. (2012). *Where's the boss? The influence of geographic distribution, virtual tools, and team composition on team leadership emergence*. Poster Presentation. Interdisciplinary Network for Group Research Conference, Chicago, IL, July 2012.
- 141) \*Thayer, A., \*Grossman, R., \*Kramer, W., \*Benishek, L., Carter, N., **Burke, C. S.**, & Salas, E. (2012). *Psychological collectivism, team process, and viability: A multilevel approach*. Poster presented at the 27th Annual Conference for the Society for Industrial and Organizational Psychology, San Diego, CA.
- 142) **Burke, C. S.**, \*DiazGranados, D., DeChurch, L. A., Salas, E. (April 2011) Looking at goal conflict in multiteam systems: An empirical investigation. In Park, G., DeShon, R. (Co-Chairs), *Managing multiteam systems: Theoretical and empirical advances*. Symposium

- conducted at the 26th annual meeting of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 143) Coultas, C., Bedwell, W. L., Salas, E., & **Burke, C. S.** (2011). Scapels, not hacksaws: Culturally competent coaching. Poster presented at the 26<sup>th</sup> annual meeting of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 144) \*Shuffler, M. L., **Burke, C. S.**, & \*DiazGranados, D. (Co-Chairs) (2011). *Leading across cultures: Emerging research trends from multiple levels*. Symposium presented at the Annual Meeting of the Academy of Management, San Antonio, TX.
- 145) \*Thayer, A. \*Grossman, R., \*Shuffler, M. L., **Burke, C. S.**, & Salas, E. (2011). *Critical social thinking training: A framework for design and delivery*. Poster Presentation. 26<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 146) \*Wiese, C. W., \*Shuffler, M. L., **Burke, C. S.**, & Salas, E. (2011). *Leadership in multicultural collaborations: A review and future research agenda*. Paper presented at the annual meeting of the Academy of Management, San Antonio, TX.
- 147) Bedwell, W. L., \*DiazGranados, D., Salas, E., & **Burke, C. S.** (2010, April). Bridging the cultural divide: Towards intercultural collaboration effectiveness. In F. Morgeson & E. Karam (Co—Chairs), *Team effectiveness: Concepts, causes, correlates, and consequences*. Symposium at the annual meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 148) **Burke, C. S.** (Chair). (2010, April). *SIOP 2010 Thursday theme track: Exploring the potential and pitfalls of virtually connected work*. Theme track conducted at the annual meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 149) **Burke, C. S.** (2010, April). Panelist. In M. Gelfand, & E. Salmon (Co-Chairs) *Interdisciplinary research: Challenges and solutions*. Panel conducted at the annual meeting of the Society of Industrial and Organizational Psychology, Atlanta, GA.
- 150) **Burke, C. S.** (2010, April). Panelist. In M. L. Shuffler, A. Leonard, & R. Morath (Co-Chairs), *Leading the way: Establishing the right path for leadership research*. Panel conducted at the annual meeting of the Society of Industrial and Organizational Psychology, Atlanta, GA.
- 151) DeChurch, L. A., Resick, C., Doty, D., Murase, T., Jimenez, M., Mathieu, J., et al. (2010, April). Examining leadership in complex network environments. In L. A. DeChurch (Chair), *Multiteam imperatives for leadership and organization*. Symposium conducted at the annual meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 152) \*DiazGranados, D., Wiese, C., Marcus, J., Le, H., Smith-Jentsch, K., **Burke, C. S.**, et al. (2010, April). *Examining potential moderators on the behavioral processes/outcomes relation: A meta-analysis*. Poster session to be presented at the annual meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 153) \*Grossman, R., \*Shuffler, M.L., \*Lazzara, E., \*Riches, O., **Burke, C.S.**, & Salas, E. (2010). *Can computer based methods be used to train social skills?* Paper Presentation. Industrial/Organizational-Behavior Conference, Houston, TX, March, 2010.
- 154) Jimenez, M., Kison, S., Doty, D., Murase, T., Mathieu, J., & **Burke, C. S.** (2010, April). Trust and Information Sharing within and across Team Boundaries. In J. Mesmer-Magnus & M. Burnett (Co-Chairs), *Information sharing in teams and multi-team systems*. Symposium conducted at the annual meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 155) \*Shuffler, M. L., **Burke, C. S.**, & \*DiazGranados, D. (Co-Chairs). *The future of*

- shared leadership in collectives: A panel discussion.* Panel. Interdisciplinary Network for Group Research Conference, Washington, DC, July, 2010.
- 156) \*Shuffler, M.L., **Burke, C.S.**, Salas, E., & Gelfand, M. (2010). *Creating synergy in multicultural teams: Critical team processes.* Poster presented at the 5<sup>th</sup> Annual Interdisciplinary Network for Group Research Conference, Washington DC, July 2010.
- 157) \*Shuffler, M. L., \*Grossman, R., **Burke, C. S.**, Salas, E., Hilton, R., Zaccaro, S. J., Riches<sup>1</sup>, O., & Ruark, G. A. (2010). *Critical social thinking training: Best practices for design & delivery.* Poster. American Psychological Association Annual Convention, San Diego, CA, August, 2010.
- 158) \*Shuffler, M.L., \*Wiese, C.W., **Burke, C.S.**, & Salas, E. (2010). *Improving shared leadership in virtual teams: The role of shared cognition.* Poster presented at the 5<sup>th</sup> Annual Interdisciplinary Network for Group Research Conference, Washington DC, July 2010.
- 159) \*Wildman, J. L., \*Shuffler, M. L., **Burke, C. S.**, & Salas, E. (2010). *Trust and distrust in multicultural teams: A theoretical framework.* Paper presented at the annual meeting of the Academy of Management, Montreal, QC, Canada.
- 160) Bedwell, W. L., Wildman, J., DiazGranados, D., Lazzara, E. Hl, Shuffler, M. S., Xavier, L., Salas, E., & **Burke, C. S.**, (2009). *What is collaboration? A multidisciplinary review.* Presented at the 4<sup>th</sup> Annual Interdisciplinary Network for Group Research Conference, Colorado Springs, CO.
- 161) **Burke, C. S.** (Discussant) (2009). In J. B. Lyons (Chair), *Enhancing and understanding trust in virtual teams.* Symposium presented at the 24<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New Orleans, LA.
- 162) **Burke, C. S.**, Salas, E., & Gelfand, M. (2009). Effective teamwork in multicultural organizations: An obtainable goal? In K. Lundby & J. Jolton (Chairs), *Going global: A new volume from SIOPs professional practice series.* To be presented at the 24<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New Orleans, LA.
- 163) **Burke, C. S.**, & DeChurch, L. A. (Chairs) (2009). *Multiteam systems: Exploring an emerging organizational form.* Symposium presented at the 24<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 164) **Burke, C. S.**, \*Lyons, R., Jimenez, M., \*Barnhard, A., \*Shuffler, M., Salas, E., & Pierce, L. (2009). Development of an empirically-based taxonomy of critical processes in multiteam systems. In C. S. Burke & L. A. DeChurch (Chairs), *Multiteam systems: Exploring an emerging organizational form.* Symposium presented at the 24<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 165) DeChurch, L. A., **Burke, S.** & Salas (2009, July). A multiteam perspective: Coordination within and across teams. In R. Rico, *New trends in team coordination.* Symposium conducted at the meeting of the Interdisciplinary Network for Group Research, Colorado Springs, CO.
- 166) \*DiazGranados, D., **Burke, C. S.**, DeChurch, L., & Salas, E. (2009, February). *REPSS: A simulation for research with multi-team systems.* Demonstration presented at the DEOMI 7th Biennial EO, Diversity, and Culture Research Symposium, Patrick AFB, Daytona, FL.
- 167) Salazar, M., Salas, E., **Burke, C. S.**, \*Shuffler, M., & Nicholson, D. (2009). Conceptualizing our nations together: A cultural taxonomy (CONTACT). Paper to be presented at the Human Social Culture Behavior (HSCB) Modeling Program: Focus 2010" Conference. Chantilly, VA.

- 168) \*Stagl, K., \*Klein, C., Rosopa, P., \*DiazGranados, D., Salas, E., & **Burke, C. S.** (2009, April). *The effects of cross training teams: A meta-analytic path model*. Poster accepted to the 24<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 169) \*Wooten, S. R., Doty, D., **Burke, C. S.**, DeChurch, L. A., Pierce, L. (2009). A taxonomy of platforms for multiteam system research: A critical review. In F. Panzer & W. Bedwell (Chairs), *Research on teams and multiteam systems: Selecting game based research platforms*. Symposium presented at the 24<sup>th</sup> Annual Conference for the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 170) Becker, W. & **Burke, S.** (2008, July). *The reality of field research with the Marine Corps*. Presented at the Applied Human Factors and Ergonomics Conference. July 2008, Las Vegas, NV.
- 171) Bedwell, W. L., Wildman, J., Rosen, M. A., Fritzsche, B. A., Salas, E., & **Burke, C. S.** (2008, July). *Harmonizing the team: Cultural influences on team adaptation*. Presented at the 3<sup>rd</sup> Annual Conference of the Interdisciplinary Network for Group Research, Kansas City, MO.
- 172) Bedwell, W. L., Wildman, J., Rosen, M. A., Fritzsche, B. A., & **Burke, C. S.** (2008, March). *Multicultural teams and team adaptation: Key behavioral markers*. Presented at the 29<sup>th</sup> Annual IOOB Conference, Denver, CO.
- 173) **Burke, C. S.** (2008, March). Operating within an FCS environment: Implications for team cognition. In A. Leonard (Chair), *Soldier training for the Army's Future Combat Systems: New capabilities, new challenges*. Panel at the American Psychological Association Annual Mid-Year Symposium (Division 21 & 19). Fairfax, VA.
- 174) **Burke, C. S.** (2008). What is team cognition? A conceptual delineation of components. In J. Graham (Chair), *Distributed cognition: Current approaches and trends*. Panel at the American Psychological Association Annual Mid-Year Symposium (Division 21 & 19). Fairfax, VA.
- 175) **Burke, C. S.** (2008). In E. Salas & G. F. Goodwin (Chair), *Frontier Series Team Effectiveness in Complex Organizations: Cross-Disciplinary Perspectives and Approaches*. Presented at the 23<sup>rd</sup> Annual Conference for the Society for Industrial and Organizational Psychology, San Francisco, CA.
- 176) **Burke, C. S.**, DeChurch, L., Salas, E., & Goodwin, G. F. (2008, April). Modes of coordination in multiteam systems. In G. Grote (Chair), *Team coordination in high-risk environments*. Paper presented at the 23<sup>rd</sup> Annual Conference of the Society for Industrial and Organizational Psychology, San Francisco, CA.
- 177) **Burke, C. S.**, \*Diaz-Granados, D., \*Lyons, R., Goodwin, G., & Salas, E. (2008, August). Unpacking the black box of team process: Looking through the lens of meta-analysis. In K. M. Ryan & S. Zaccaro (Chairs), *The state of teamwork: Team processes and emergent states in the motivation of today's teams*. Presented at the 2008 Annual Meeting of the Academy of Management, Anaheim, CA. .
- 178) \*DiazGranados, D., \*Klein, C., Salas, E., Le, H., **Burke, C. S.**, Lyons, R., & Goodwin, G. F. (2008). *Does team building work?* Presented at the 23<sup>rd</sup> Annual Conference for the Society for Industrial and Organizational Psychology, San Francisco, CA.
- 179) \*Klein, C., Salas, E., \*DiazGranados, D., **Burke, C. S.**, \*Stagl, K. C., Goodwin, G. F., & Halpin, S. M. (2008). *Do team training interventions enhance team outcomes: A meta-analytic initiative*. Presented at the 23<sup>rd</sup> Annual Conference for the Society for Industrial and Organizational Psychology, San Francisco, CA.
- 180) \*Lyons, R., **Burke, C. S.**, \*Priest, H. A., & Salas, E. (2008). *Training for work in*

- multicultural environments: An organizing framework.* Presented at the 23<sup>rd</sup> Annual Conference of the Society for Industrial and Organizational Psychology, San Francisco, CA.
- 181) \*Lyons, R., **Burke, C. S.**, Priest\*, H. A., & Salas, E. (2008, March). *Training for work in cross- and multicultural environments: An organizational framework.* Presented at the 29<sup>th</sup> Annual IOOB Conference, Denver, CO.
- 182) \*Lyons, R., Jimenez, M., **Burke, C. S.**, DeChurch, L., Salas, E., & Goodwin, G. F. (2008, July). *Understanding the coordinative mechanisms in multi-team systems: A historiometric analysis.* Presented at the 3<sup>rd</sup> Annual InGroup Conference, Kansas City, Missouri.
- 183) Sciarini, L. W., **Burke, C. S.**, Nicholson, D., Schmorow, D. (2008, March). *Deployable virtual training environment: Flexible fire support training for the Marine Corps.* Presented at the American Psychological Association Annual Mid-Year Symposium (Division 21 & 19). Fairfax, VA.
- 184) Wildman, J., Bedwell, W. L., Rosen, M. A., Fritzsche, B. A., **Burke, C. S.** (2008, March). *Adaptive team performance in multicultural teams: A framework and measurement tool.* Presented at the American Psychological Association Annual Mid-Year Symposium (Division 21 & 19). Fairfax, VA.
- 185) Wildman, J., Bedwell, W. L., Rosen, M. A., Fritzsche, B. A., **Burke, C. S.**, & Salas, E. (2008). *So you want to measure team adaptation: Some guiding principles.* Presented at the 23<sup>rd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, San Francisco, CA.
- 186) Wildman, J., Bedwell, W. L., Rosen, M. A., Fritzsche, B. A., **Burke, C. S.**, & Salas, E. (2008, July). *Adaptation in multicultural teams: A measurement aide.* Presented at the 3<sup>rd</sup> Annual InGroup Conference, Kansas City, Missouri.
- 187) Wildman, J., Bedwell, W. L., Rosen, M. A., Fritzsche, B. A., **Burke, C. S.** (2008, March). *So you want to measure team adaptation: Some guiding principles.* Presented at the 29<sup>th</sup> Annual IOOB Conference, Denver, CO.
- 188) \*Wooten II, S. R., \*DiazGranados, D., **Burke, C. S.**, & Salas, E. (2008, April). *The effects of the environment on adaptive team performance.* Presentation given at the Florida Student Conference on Human Factors & Applied Psychology, Daytona Beach, FL.
- 189) \*Wooten, S. R., II, **Burke, C. S.**, \*Priest, H., \*Diaz-Granados, D., & Salas, E. (2008, March). *Towards a model of multicultural team adaptation.* Presented at the 29<sup>th</sup> Annual IOOB Conference, Denver, CO.
- 190) **Burke, C. S.** (Discussant) (2007). In J. Mesmer-Magnus & C. Viswesvaran (Chairs), *Promoting individual and team adaptability through training.* Symposium presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.
- 191) **Burke, C. S.**, Burke, B., \*Lazzara, E., Smith-Jentsch, K., & Salas, E. (2007). *Unpacking macro-level cognitive states in teams: Towards a metric taxonomy.* Presented at the 2<sup>nd</sup> Annual INGroup Conference, Lansing, MI.
- 192) **Burke, C. S.**, & Goodwin, G. F. (Chairs) (2007). *Shared cognition: Delving into metrics (An examination of measurement methodologies).* Symposium presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.
- 193) **Burke, C. S.**, Goodwin, G. F., Burke, B., & Bryson, J. (2007). A conceptual examination of the who, how, and what of shared cognition. In C. S. Burke & G. F. Goodwin (Chairs), *Shared cognition: Delving into metrics (an examination of measurement methodologies).* Paper presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.

- 194) \*Klein, C. A., \*Diaz Granados, D., Salas, E., Huy, Le, **Burke, C. S.**, & \*Lyons, R. (2007). *The effect of team building on team outcomes: An update and extension*. Presented at the 2<sup>nd</sup> Annual INGroup Conference, Lansing, MI.
- 195) \*Klein, C. A., \*Stagl, K. A., Salas, E., **Burke, C. S.**, \*DiazGranados, D., Goodwin, G. F., & Halpin, S. M. (2007). *A meta-analytic examination of team development interventions*. Poster presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.
- 196) \*Priest, H. A., \*Burke, B., **Burke, C. S.**, & Salas, E. (2007). *Methodologies employed in measuring shared cognition: What do we know?* Poster presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.
- 197) Rosen, M. A., Lazarra, E.H., **Burke, C.S.**, & Salas, E. (2007). *A multi-level review of theories and measures of culture in team problem solving*. Poster to be presented at the American Psychological Association, San Francisco, CA.
- 198) \*Sims, D., **Burke, C. S.**, Metcalf, D., & Salas, E. (2007). *Beyond the technology: Research based guidelines for designing blended learning*. Poster presented at the 22<sup>nd</sup> Annual Conference for the Society of Industrial and Organizational Psychology, New York, NY.
- 199) \*Stagl, K. C., Fritzsche, B. A., Salas, E. & **Burke, C. S.** (2007, April). *The construct validity of a situational judgment test in a maximum performance context*. Poster presentation conducted at the 22<sup>nd</sup> annual conference of the Society for Industrial and Organizational Psychology. Manhattan, New York.
- 200) **Burke, C. S.**, & \*Priest, H. (2006). Shared leadership: A mechanism for team adaptation. In L. A. DeChurch & C. J. Resick (Co-Chairs), *New directions in team leadership research*. Paper presented at the 2006 Academy of Management Meeting, August 11-16, Atlanta, GA.
- 201) **Burke, C. S.**, \*Stagl, K. C., \*Klein, C., Goodwin, J., Salas, E., & Halpin, S. (2006). Does leadership in teams matter? A meta-analytic investigation of leadership behavior, team characteristics, and team performance. In F. P. Morgeson & D. S. DeRue (Co-Chairs), *Team leaders: Who are they and what do they do?* Paper presented at the 21<sup>st</sup> Annual Conference for the Society of Industrial and Organizational Psychology, May 5-7, Dallas, TX.
- 202) Hess, K. A., **Burke, C.S.**, \*Priest, H., \*Rosen, M., Salas, E., Paley, & M.J. Riedel, S.L.(2006, May). Facilitating leadership in multicultural teams. In S.J. Zaccaro (Chair), *Global at work, but local at heart!* Paper presented at the meeting 21<sup>st</sup> Annual Conference for the Society for Industrial and Organizational Psychology, May 5-7, Dallas, TX.
- 203) \*Klein, C., Salas, E., **Burke, C. S.**, Goodwin, G. J., Halpin, S. M., \*DiazGrandos, D., & Badum, A. (2006). *Does team training enhance team processes, performance, and team member affective outcomes? A meta-analysis*. Paper presented at the 2006 Academy of Management Meeting, August 11-16, Atlanta, GA.
- 204) \*Priest, H. A., **Burke, C. S.**, Salas, E., Littrell, L. N., Hess, K., Riedel, S. (2006, July). *Culture and training for teams: A framework for application*. A paper presented at the 1<sup>st</sup> Annual InGroup Conference. Pittsburgh, PA: July 27-29.
- 205) Rosen, M.A., \*Guthrie, J.W., \*Wilson, K.A., **Burke, C.S.**, Salas, E., Nelson, W.T., & Bolia, R.S. (2006). *Teams and technology: A review of the effects of computer-mediation on team performance*. Poster presented at the 1st Meeting of the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh, PA.
- 206) \*Wilson, K. A., \*Guthrie, J. W., Salas, E., & **Burke, C. S.** (2006, July). *Dyads and triads at 35,000 feet: A look 20 years later*. Paper presented at the 1st Meeting of the Interdisciplinary Network for Group Research (INGRoup), Pittsburgh,

PA.

- 207) \*Estep, S., **Burke, C.S.**, & Salas, E. (2005). *Accomplishing miracles: Utilizing team learning to attain the unattainable*. Poster presented at the meeting of the American Psychological Society, Los Angeles, CA.
- 208) \*Kelly, B. C., \*Badum, A., Salas, E., & **Burke, C. S.** (2005). *Shared cognition: Can we all get on the same page?* Paper presented at the 20<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, April 15-17, Los Angeles, CA.
- 209) **Burke, C. S.** (Chair) (2005, April). *Developments in multicultural teams*. Symposium presented at the 20<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, April 15-17, Los Angeles, CA.
- 210) **Burke, C. S.**, Goodwin, G. F., Salas, E., Halpin, S., \*Klein, C., & \*Stagl, K. (2005, April). Leaders in teams: Knowns, unknowns, and a map for the future. In D. Day & S. Halpin (Co-Chairs), *Leader development theory and research in the United States Army*. Paper presented at the 20<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, April 15-17, Los Angeles, CA.
- 211) **Burke, C. S.**, Salas, E., \*Stagl, K., \*Wilson-Donnelly, K. A., & Pierce, L. (2005, April). Team adaptation in multicultural teams: A theoretical forum. In C. S. Burke (Chair), *Developments in multicultural teams*. Paper presented at the 20<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, April 15-17, Los Angeles, CA.
- 212) Sutton, J. L., Pierce, L., **Burke, C. S.**, & Salas, E. (2005, April). Cultural adaptability. In C. S. Burke (Chair), *Developments in multicultural teams*. Paper presented at the 20<sup>th</sup> Annual Conference for the Society of Industrial and Organizational Psychology, April 15-17, Los Angeles, CA.
- 213) **Burke, C. S.** (2004, April). In R. Tett & K. Fox (Co-Chairs), *Gaps and bridges between I/O and medical practice*. Panel presented at the 19<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 214) **Burke, C. S.** (2004, April). In J. Soarra (Chair), *Opportunities and challenges: Conducting research in medical settings*. Panel presented at the 19<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 215) \*Guthrie, J., \*Priest, H., Asberg, K., **Burke, C. S.**, Salas, E., & Bowers, C. A. (2004, July). *Development of COTS testbeds: Examining the performance of teams under stress*. Paper presented at the 112<sup>th</sup> Annual Convention of the American Psychological Association, July 28-August 1, Honolulu, Hawaii.
- 216) \*Kendall, D. L., Salas, E., **Burke, C. S.**, & \*Stagl, K. (2004, April). *Understanding team adaptability: A conceptual framework*. Presented at the 19<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 217) \*Priest, H., **Burke, C. S.**, Salas, E., & Bowers, C. A. (2004, July). *What do we know about teams? A practical framework*. Paper presented at the 112<sup>th</sup> Annual Convention of the American Psychological Association, July 28-August 1, Honolulu, Hawaii.
- 218) \*Priest, H., \*Guthrie, J., **Burke, C. S.**, Bowers, C. A., Salas, E., & Milham, L. (2004, July). *Patterns of team communication: Are all teams created equal?* Paper presented at the 112<sup>th</sup> Annual Convention of the American Psychological Association, July 28-August 1, Honolulu, Hawaii.
- 219) \*Priest, H. A., \*Wilson-Donnelly, K. A., **Burke, C. S.**, Salas, E., Wears, R. L., & Perry, S. J. (2004,

- March). *Human error, technology, and patient safety: Guidelines for the implementation of new technology into medical environments*. Paper presented at the Safety Across High-Consequence Industries Conference, March 9-10, 2004, St. Louis.
- 220) \*Sims, D. E., Salas, E., & **Burke, C. S.** (2004, April). *Is there a big 5 in teamwork?* Presented at the 19<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 221) \*Sims, D. E., \*Priest, H., \*Wilson-Donnelly, K., **Burke, C. S.**, & Salas, E. (2004, April). Can industrial/organizational psychology help with patient safety concerns? A case study? In K. Fox & R. Tett (Co-Chairs), *I/O psychology in medicine: Some recent empirical applications*. Paper presented at the 19<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.
- 222) \*Wilson-Donnelly, K. A., **Burke, C. S.**, & Salas, E. (2004, July). *Critically examining CRM training's effectiveness: An update, extension, and needs*. Paper presented at the 112<sup>th</sup> Annual Convention of the American Psychological Association, July 28-August 1, Honolulu, Hawaii.
- 223) \*Wilson-Donnelly, K. A., \*Priest, H., **Burke, C. S.**, \*Klein, C., \*Sims, D., Salas, E., Wears, R. L. & Perry, S. (2004, July). *Automated technology and patient safety: A case study*. Paper presented at the 112<sup>th</sup> Annual Convention of the American Psychological Association, July 28-August 1, Honolulu, Hawaii.
- 224) \*Wilson-Donnelly, K. A., \*Priest, H. A., **Burke, C. S.**, & Salas, E. (2004, March). *What's culture got to do with it? Guidelines for developing a safety culture in high-consequence industries*. Paper presented at the Safety Across High-Consequence Industries Conference, March 9-10, 2004, St. Louis.
- 225) **Burke, C. S.**, Bowers, C. A., Salas, E., Asberg, K., \*Priest, H., & Milham, L. (2003, March). *A research methodology and initial findings: Studying combat readiness and stress within teams*. Presented at the American Psychological Association's Midyear Meeting, Fort Belvoir, VA.
- 226) **Burke, C. S.**, Salas, E., Fowlkes, J. E., & \*Wilson, K. A. (2003, April). Developing leaders for multicultural teams: A scenario-based approach. In D. Day (Chair), *Understanding leader development: Building individual leaders and team leadership*. Paper presented at the 18<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Orlando, FL.
- 227) \*Priest, H. A., **Burke, C. S.**, & Salas, E. (2003, August). The effect of workload on team performance. In *Cutting edge research by the next generation of applied experimental psychologists*. Paper presented at the 11th Annual Meeting of the American Psychological Association, Toronto, Canada.
- 228) \*Wilson-Donnelly, K. A., **Burke, C. S.**, Salas, E., \*Priest, H. A., Salas, E., & Fowlkes, J. E. (2003, April). Promoting Workplace Safety Through High Reliability Teams. In C. Wallace (Chair), *Occupational health and safety: Encompassing personality, emotion, teams, and automation*. Paper presented at the 18<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Orlando, FL.
- 229) Bowers, C. A., Asberg, K., **Burke, C. S.**, Milham, L., & \*Priest, H. A. (2002, August). Combat readiness and Stress: Implications for team performance. In P. A. Hancock (Chair), *Combat readiness and fatigue*. Paper presented at the American Psychological Association Annual Meeting, Chicago, IL.
- 230) Bowers, C. A., Asberg, K., **Burke, C. S.**, & Salas, E. (2002, March). *Challenges and*



- considerations in development of a team-based testbed to examine the impact of stress on cognitive readiness and team performance.* Paper presented at the American Psychological Association's Midyear Meeting, Fort Belvoir, VA.
- 231) **Burke, C. S.** (2002, March). In C. A. Bowers (Chair), *Technology, friend or foe: Promoting effective team process.* Interest group conducted at the Yr Annual Meeting of the Southeastern Psychological Association, Orlando, FL.
- 232) **Burke, C. S.,** Fiore, S., & Salas, E. (2002, August). The role of cognition in enabling shared leadership. In C. L. Pierce (Chair), *Shared leadership: Reframing the how's and why's of leadership.* Paper presented at the Annual Meeting of the Academy of Management, Denver, CO.
- 233) **Burke, C. S.,** Milham, L. M., Salas, E., Bowers, C. A., & Fowlkes, J. (2002, March). *The impact of stress on team adaptability within military forces.* Paper presented at the American Psychological Association's Midyear Meeting, Fort Belvoir, VA.
- 234) **Burke, C. S.,** Salas, E., \*Stagl, K., & Fowlkes, J. (2002, April). Leading multi-national teams. In J. C. Zeigert & K. Klein (Co-chairs), *Team leadership: Current theoretical and research perspectives.* Symposium conducted at the 17<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Toronto, Canada.
- 235) Fowlkes, J., **Burke, C. S.,** \*Wilson, K., Milham, L., & Salas, E. (2002, March). *Training and design to enhance adaptability in military teams.* Paper presented at the American Psychological Association's Midyear Meeting, Fort Belvoir, VA.
- 236) Kosarzycki, M., Salas, E., **Burke, C. S.,** & Fiore, S. (2002, April). *Emerging themes in distance learning: Some food for thought.* Poster presented at the 17<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Toronto, Canada.
- 237) \*Stagl, K. C., Fowlkes, J., **Burke, C. S.,** & Salas, E. (2002, March). *Team member conscientiousness and adaptive team performance.* Paper presented at the 22nd annual Industrial Organizational/Organizational Behavior Conference, Tampa, FL.
- 238) \*Wilson, K. A., **Burke, C. S.,** & Salas, E. (2002, August). *The impact of culture in the cockpit.* Paper presented at the 2002 Annual Convention of the American Psychological Association, Chicago, IL.
- 239) **Burke, C. S.,** Salas, E., & Fowlkes, J. E. (2001, August). *Measuring team performance within naturalistic settings: Challenges, obstacles, and guidelines.* Poster presented at the 109<sup>th</sup> Annual Convention for the American Psychological Association. San Francisco, CA.
- 240) **Burke, C. S.,** \*Wilson, K. A., Salas, E., & Bowers, C. A. (2001, April). Team training in the skies: Does it really work? In S. W. J. Kozlowski and R. P. DeShon (Chairs), *Enhancing team performance: Emerging theory, instructional strategies, and evidence.* Symposium conducted at the 16<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
- 241) \*Wilson, K. A., **Burke, C. S.,** Salas, E., & Bowers, C. A. (2001). *Does CRM training transfer to the cockpit?: Methodological observations.* Poster presented at the 109<sup>th</sup> Annual Convention of the American Psychological Association, San Francisco, CA.
- 242) **Burke, C. S.** & Zaccaro, S. J. (2000, April). Leadership effects on team adaptability: Implications on team and leader training. In S. W. J. Kozlowski (Chair), *Developing complex adaptive skills: Individual and team level training strategies.* Symposium conducted at the 15<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 243) Marks, M. A., Sabella, M., **Burke, C. S.,** & Zaccaro, S. J. (2000, April). A two sample study of cross-training as a strategy for enhancing team effectiveness.

- In S. W. J. Kozlowski (Chair), *Developing complex adaptive skills: Individual and team level training strategies*. Symposium conducted at the 15<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, New Orleans, LA.
- 244) **Burke, C. S.** (1999). *Examination of the cognitive mechanisms through which team leaders promote effective team processes and adaptive team performance*. Unpublished doctoral dissertation, George Mason University, Virginia.
- 245) Zaccaro, S. J., **Burke, C. S.**, & Marks, M. A. (1999, April). Leadership effects on team mental models: Facilitating team adaptation. In J. R. Rentsch (Chair), *Must we change our minds about team mental models? A guide for applied settings*. Symposium conducted at the 14<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 246) Zaccaro, S. J., **Burke, C. S.**, & Marks, M. A. (1999, April). A simulated context to examine adaptive team performance. In D. R. Ilgen and J. R. Hollenbeck (Chairs), *Simulations for the study of teams*. Symposium conducted at the 14<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Atlanta, GA.
- 247) Shlechter, T. M., Zaccaro, S. J., & **Burke, C. S.** (1998). *Toward an understanding of shared mental models associated with proficient team performance*. Paper presented at the American Psychological Society Annual Meeting, Washington, DC.
- 248) Zaccaro, S. J. & **Burke, C. S.** (1998, April). Team versus crew leadership: Differences and similarities. In R. J. Klimoski (Chair), *When is a team a crew and does it matter?* Symposium conducted at the 13<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, Dallas, TX.
- 249) McGee, M. & **Burke, C. S.** (1997, April). *Organizational culture as an ecological system: The survival value of certain leader characteristics*. Poster session presented at the 12<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, St. Louis, MI.
- 250) Marks, M., **Burke, C. S.**, Parker, C., Higgins, J. M., Zaccaro, S., & Perez, R. (1997, April). *Improving team effectiveness through team interaction training*. Poster session presented at the 12<sup>th</sup> Annual Meeting of the Society for Industrial and Organizational Psychology, St. Louis, MI.
- 251) Zaccaro, S., Parker, C., Marks, M., **Burke, C. S.**, Higgins, J. M., & Perez, R. (1997, April). Team efficacy, communication, and performance: Implications for collective regulatory processes. In R. J. Klimoski (Chair), *Thinking and feeling while doing: Modeling team self-regulation*. Symposium conducted at the 12<sup>th</sup> Annual Meeting of the Society for Industrial And Organizational Psychology, St. Louis, MI.
- 252) Perez, R. S., Zaccaro, S. J., Parker, C., Marks, M., Higgins, J., & **Burke, C. S.** (1996, August). The assessment and validation of shared mental models. In (no chair) *Assessment of cognitive structure and organization: Mental models and shared mental models*. Symposium conducted at the Annual Meeting of the American Psychological Association, Montreal, Canada.
- 253) Minionis, D. P., Cheshire, S., Perez, R., Zaccaro, S., & **Burke, C. S.** (1994). *Team wargame interaction simulation training: An experimental testbed for teams*. Paper presented at the Annual Meeting of the American Psychological Society, Washington, DC.
- 254) Burgess, K. A., **Burke, C. S.**, Salas, E., & Cannon-Bowers, J. A. (1993, February). *Team performance under the gun: An examination of team leader behaviors under stress*. Paper presented at the First Annual Mid-Atlantic Human Factors Conference, Virginia Beach, VA.

- 255) **Burke, C. S.**, Cannon-Bowers, J. A., Volpe, C., & Salas, E. (1993, February). *So what is teamwork anyway: An examination of the team process literature*. Presented at the Southeastern Psychological Association, Atlanta, GA.

### **Papers Presented at Local/State Level Conferences [9 to date]**

- 256) Jessup, J., Mustafa, S., Celestin, I., Wasilewska, M., \*Szabo, K. & **Burke, C. S.** (2023). *Conscientiousness: More than just a personality trait*. Poster presented at the 2023 UCF Student Scholar Symposium, Orlando, FL.
- 257) \*Kaosaar, A., **Burke, C. S.**, & Amon, M. (2023). *Nonlinear dynamics of team affect for long-duration spaceflight*. Poster presented at the 2023 UCF Student Scholar Symposium, Orlando, FL. *Winner of Judges Choice Award*.
- 258) Kohl-Fink, S., \*Käosaar, A., & **Burke, C. S.** (2023) *The relationship of teamwork, affective states, and individual differences in isolated, confined, and extreme environments*. Poster presented at the 2023 UCF Student Scholar Symposium, Orlando, FL.
- 259) \*Szabo, K. & **Burke, C. S.** (2023, March). *The role of cultural diversity across time: A cross-examination of the Shuttle-Mir, ISS, SIRIUS-19, and SIRIUS-21 missions*. Poster presented at the 2023 UCF Student Scholar Symposium, Orlando, FL
- 260) Wasilewska, M., \*Szabo, K. & **Burke, C. S.** (2023, March). *Examining the role of emotional intelligence in the context of a mindfulness intervention among female collegiate rowers*. Poster presented at the 2023 UCF Student Scholar Symposium, Orlando, FL.
- 261) \*Szabo, K., \*Erengin, T., & **Burke, C. S.** (2021). *Meeting in the middle: The role of cultural diversity in spaceflight*. Poster presented at the 2021 University of Central Florida's Student Scholar Symposium.
- 262) \*Halfman, T., \*Moavero, J., \*Padgett, L., Wiese, C., & **Burke, C. S.** (2018). *Current trends in team resilience: State of the literature and prevailing relevant constructs*. Poster presented at the University of Central Florida's Showcase of Undergraduate Research Excellence (SURE). Won Judges Choice Award, Social Sciences Division.
- 263) \*Hernandez, C., & **Burke, C. S.** (April, 2018). *The role of resilience on second victim outcomes: Examining individual and external factors of medical professionals*. Poster presented at University of Central Florida's Annual Graduate Research Forum, Orlando, FL.
- 264) \*Cockins, R., \*Howell, R., & **Burke, C. S.** (2017). *Examining team roles as coordinative mechanisms in isolated, confined environments*. Poster presented at University of Central Florida's Annual Graduate Research Forum, Orlando, FL. Won 1<sup>st</sup> place, Master's level poster.

## GRANT AWARDS

### **Federal Government Proposals Awarded – Current**

- “Smart Team Assembly”. (9/28/23-9/27/27, \$750,000). Principal Investigator: Burke. Co-Investigators: Driskell, Driskell, McHugh). Principal Investigator: Burke. Credit split: 100% Burke.
- “Dyads and Triads at 140 Million Miles: Factors Affecting Interpersonal Relations in Long Distance Spaceflight” (1/6/2021-1/5/24, \$524,963). Principal Investigator: Burke. Credit split: 100%. Sub to Florida Maxima.

- “Facilitating the Synergistic Side of Cultural Diversity in LDSE: Identification of Challenges and Development of Cultural Training.” Principal Investigator: Burke. Co-Investigator: Salas. NASA (8/22/2016-8/21/2023, \$975,000). Credit split: 100% Burke.
- “Understanding Individual and Team Cognition in Support of Future Space Missions” (8/15/22-8/14/25, \$899,923). Principal Investigator: Fiore. Co-Investigators: Burke, Jentsch, Kider. Air Force Office of Scientific Research (Minerva Program).
- “Center for Team Effectiveness to Accelerate EBP Implementation in Children’s Mental Health Services” (8/5/22-5/31/27, \$1,000,135K). Principal Investigator: Burke. Co-Investigators: Ehrhart, Sukthankar. Credit split: 45% (Burke), 35% (Ehrhart), 20% (Sukthankar). Sub to University of California San Diego. National Institutes for Health.
- “Multi-Method Assessment of Attitudinal Factors Affecting Process and Performance in HAT”. (9/3/21-9/2/24, \$513,126). Army Research Laboratory. Principal Investigator: Fiore. Co-Principal Investigator: Burke, Amon. Credit split: 30% Burke.
- “Artificial Social Intelligence to Support Macrocognition in Teams (ASIMT)” (11/1/19-4/30/2024, \$1,494,689). (\$1,031,523 to date). Principal Investigator: Fiore. Co-Principal Investigator(s): Sukthankar, Garlbay, & Burke. Credit Split: 12.5% Burke.
- “S011-Planning, Analysis and Prototype Development in Support of Transformation Activities” (01/01/2023-12/31/2023, \$999,941). Principal Investigator: Smith. Co-Investigators: Burke, Carney, Hanson, McDaniel. Credit split: 20% Burke. Schlumberger Technology Corporation.

### **Proposals Awarded, Closed**

- “S010-Planning, Analysis and Prototype Development in Support of Transformation Activities” (01/01/2022-12/31/2022, \$999,983). Principal Investigator: Smith. Co-Investigators: Burke, Carney, Hanson, McDaniel. Credit split: 20% Burke. Schlumberger Technology Corporation.
- “Unobtrusive Assessment of Macrocognitive Processes in Team Decision Making”. (12/1/17-3/30/2022, \$300K). The National Academies of Sciences and Engineering Medicine Gulf Research Program, Sub to Florida Maxima. Principal Investigator: Burke. Credit split: 100%.
- “Unpacking the Nature of Team Resilience and the Role of Leadership: Looking Across Levels” (8/21/2017-01/20/2022, \$279,725). Army Research Institute. Principal Investigator: Burke. Credit split: 100% Burke.
- “Schlumberger 2021 SO9. Planning, Analysis, and Prototyping” (1/1/21-12/31/21, \$999,991). Principal Investigator: E. Smith. Co-Investigators: Burke, Hanson, McDaniel, Carney, & Schlumberger Technology Corporation. Credit split: 20% Burke.
- “ARI: Sailor 2025 Ready Relevant Learning ISD Analysis & Support” (8/27/18-1/31/20, \$2,583,514.32). Zenetex. Principal Investigator: Metcalf. Co-Principal Investigator(s): Burke, Reinerman, Morrow, & Goodwin. Credit split: 15% Burke.
- “Dynamic Team Role Allocation in Long Duration Exploration Missions”. NASA, Sub to Rice University (11/3/2015-11/2/2019, \$117,024). Credit split: 95% Burke.
- “Scenario Engineering for Assessment of Multi-Participant Adaptive Training Environment (SEAMATE)”. (1/10/17--1/4/19, \$259,000). Navy STTR, Sub to Aptima. Principal Investigator: Burke. Credit split: 100%.
- “JJHWS Behavior Change App Evaluation”. Task Order #2 under MSA. Principal Investigator: Burke. Merging Traffic (7/28/17-11/30/18, \$31,000). Credit split: 100% Burke.
- “Experimental Operations and Support (EOSS)”. Principal Investigator: Burke. Naval Air Warfare Center Training Systems Division (9/3/2014-9/2/2018, \$184,303.50). Credit split. 100% Burke.
- “Macrocognition in Teams: Examining and Developing Team Cognitive Processes and Products in the Context of Long Duration Exploration Missions”. Principal Investigators: Fiore. Co-

Investigator: Burke. NASA. (8/1/2016-7/31/2019, \$900,000 (\$55,000 awarded to date)). Credit split: 30% Burke. This was closed early due to a change in direction of NASA mission. Project is currently being closed out in system.

- “Leadership-Followership: Moving Beyond Traditional Leadership to Build Highly Functioning Autonomous Teams.” Principal Investigator: Burke. Co-Principal Investigators: Shuffler. NASA (10/1/2014-3/31/2017, \$200,000). Credit split: 100% Burke.
- “Avatar User Acceptance Study for Virtual Reality (VR) Teammate”. Principal Investigator: Metcalf. Co-Principal Investigator, Burke, Hamilton, & Eakins. Boeing (3/23/17-8/4/17, \$50,000). Credit split: 35%.
- “Unpacking the State of the Science: Identifying Models of Soldier Resilience, Leadership, and Cognition”. Army Research Laboratory, Task Order under Cooperative Agreement – Evaluating and Informing Army Training (Cooperative Agreement PI=Reinerman). Task Order: (4/16-2/17, \$60,000). Credit split for Task Order. 100% Burke.
- “4.2.1 Emergency Medical Card AR Evaluation Study”. Principal Investigator: Metcalf. Co-Principal Investigator, Burke, Salas, Hamilton. U.S. Army Research Laboratory (4/10/2014-4/09/2017, \$410,276). Credit split: 30% Burke.
- “Towards a Scientifically Rooted Design Architecture of Team Process and Performance Modeling in Adaptive, Team-Based Intelligent Tutoring” Principal Investigator: Burke. Co-Principal Investigator: Sonesh. U.S. Army RDECOM (12/07/2012-5/31/2016, \$525,000). Credit split: 50% Burke.
- “ Amazon Selection Suite”. Principal Investigator: Burke. DM2 Research and Design, Inc (4/3/2015-8/21/2015, \$16,000). Credit split: 100% Burke.
- “Dynamic team role allocation in long duration, exploration missions: Identification of roles, triggers, and measurement tools. Principal Investigator: Salas. Co-Principal Investigators: Burke, Fiore. NASA (10/1/2014-9/30/2017, \$ 1,200,000). Credit split: 30% Burke. Closed early due to PI leaving institution and taking the grant. A portion of the original grant is to be sub-awarded back to UCF (in progress – August 2015).
- “Team Culture Issues for Long-Duration Exploration Missions”. Principal Investigator, Burke. NASA (11/1/2013-11/17/2014, \$55K). Credit split: 100% Burke.
- “Shared Leadership: Moving Beyond Virtuality and Distribution to Build Capacity in Virtual Organizations”. Principal Investigator, Burke. Co-Principal Investigators: Salas, Fiore. National Science Foundation (9/2010-9/2013, \$150,000). Credit split: 60% Burke.
- “Understanding, measuring, and modeling the effects of culture in negotiation and collaboration: A dynamic, multi-level view of culture. Co-Principal Investigator, Salas, E., & Burke, C. S. ARO MURI, Sub to University of Maryland. (5/1/08-5/31/2014, \$1,878,896). Credit split: 50% Burke.
- “TRAIN II: Enhancing Soldier, Leader, and Staff Decision-Making Processes: Cognitive Skills Training in Complex Realistic Training Environments”. Principal Investigator: Burke. Co-Investigators: Fiore, Salas. Army Research Institute – Sub to ICF International. (7/2/2012 to 5/03/2013, \$29,293). Credit split: 60% Burke.
- “TRAIN II: Enhancing Soldier, Leader, and Staff Decision-Making Processes: Knowledge Management, Staff Decision-Making, and Information Sharing Processes”. Principal Investigator: Burke. Co-Investigators: Fiore, Salas. Army Research Institute – Sub to ICF International. (7/2/2012 to 5/03/2013, \$48,070). Credit split: 60% Burke.
- “Measuring and Improving Unit Cohesion and Performance in Preparation for Deployment”. Principal Investigator: Burke. Co-Investigator: Salas. Army Research Institute (5/23/2011-2/22/2013, \$310,000). Credit split: 60% Burke.

- “Employment and integration of female engagement teams in operational force”. Principal Investigator: Burke. Army Research Institute – Sub to ICF Incorporated. (2/15/2012 to 4/14/2013, \$ 61,680).
- “Cognition and Collaboration in Network Centric Operations: Understanding and Measuring Macrocognition in Teams. Principal: Salas. Co-Investigators: Fiore, Burke, Jentsch, Jentsch. Office of Naval Research (3/9/2006-5/31/2013, 5,000,000).
- “Multi-echelon measurement for brigade combat team (BCT) performance. Principal Investigator, Burke. Co-Investigator: Salas. Army Research Institute through ICF (5/01/2011-5/31/2012, \$80,363). Credit split: 60% Burke.
- “Investigating Methods for Improving Performance in Military Multiteam Systems (Leveraging Social Identity as a Way to Reduce Goal Conflict and Improve Coordination Within Military Multiteam Systems)”. Principal Investigator, Burke. Co-Principal Investigator: Salas. Army Research Institute through ICF (5/10/2010-1/09/2011, \$115,000). Credit split: 80% Burke.
- “TeamWATCH”. Principal Investigator: Burke. Army Research Laboratory – Sub to Stottler Henke Associates (2/2/2011-9/01/2011, \$9,967). Credit split: 100% Burke.
- “Critical Social Thinking STTR Phase II”. Co-Principal Investigator, Salas & Burke. Mirum Too (9/23/09-9/22/11, \$225,000). Credit split: 10% Burke.
- “Creating Functionally Collaborative Infrastructure in Virtual Organizations”. Co-Principal Investigator, DeChurch, Salas, Burke, Kapucu. National Science Foundation (9/15/09-8/31/11, \$270,071). Credit split: 12% Burke.
- “Impact of Gaming Attributes on Measures of Training Effectiveness”. Co-Principal Investigator, Salas, E., & Burke, C. S. Phase II STTR, Sub to Aptima. (9/19/2007-9/18/10, 230K). Credit split: 50% Burke.
- “Cognition in natural environments: Using simulated scenarios in complex decision making experiments.”. Co-Principal Investigator, Harrison, Weishampel, Pattanaik, Hughes, Fiore, Salas, Stapleton, Burke, & Rutstrom. National Science Foundation (4/2006-9/2010, \$647,430). Credit split: 8% Burke.
- “Social Science Analysis of Operational Environments: Data Collection, Retention, and Analysis”. Co-Principal Investigator, Salas & Burke. Office of Naval Research (10/01/09-1/10/11, \$219,511). Credit split: 20% Burke.
- “Promoting the understanding of team-level cognition within the warfighter: The application of metrics in simulation”. Co-Principal Investigator, Salas, Burke, & Smith-Jentsch. ONR (12/19/07-1/31/2010, \$215K). Credit split: 25% Burke.
- “Examining Leadership Processes in Complex Network Environments”. Co-Principal Investigator, DeChurch & Burke. Army Research Institute (3/1/08-7/31/10, \$315,316). Credit split: 40% Burke.
- “Safer Medical Reservist Combat Team Training.” Co-Principal Investigator, Salas, E. & Burke, C. S. Sub to University of Miami-Jackson Memorial Hospital (10/06 –5/10; 300K). Credit split: 30% Burke.
- “Human, Social, and Cultural Behavior – Intelligent Resource Operational Network for Training and Analysis [HSCB-IRON]” . Co-Principal Investigator, Nicholson, D., Salas, E., Burke, C. S., Shumaker, R., & Barber, D. OSD(1/5/09-1/4/10, \$589,652). Credit split: 25% Burke.
- “Cognition and Collaboration in Network Centric Operations: Understanding & Measuring Macrocognition in Teams.” Co-Principal Investigator, Salas, E., Fiore, S., Jentsch, F., & Burke, C. S. Office of Naval Research. (3/06-7/10, \$3,574,686 to date). Credit split: 5% Burke.
- “JTIEC Combat Hunter Simulation & PMESII Knowledge Base Support: Task 1”. Co-Principal Investigator, Metcalf, Salas, & Burke. RDECOM-STC (3/10/09-3/09/2010, \$37,755). Credit split: 10% Burke.

- “JTIEC Combat Hunter Simulation & PMESII Knowledge Base Support: Task 2 & 3”. Co-Principal Investigator, Metcalf, Salas, & Burke. RDECOM-STC (3/10/09-3/09/2010, \$133,245).
- “CASSANDRA and Executive Challenge for DAU”. Co-Principal Investigator, Metcalf & Burke. Defense Acquisition University (6/4/08-12/31/09, \$204,521). Credit split: 30% Burke.
- “RWD Technologies”. Co-Principal Investigator, Metcalf & Burke. RWD (9/05-12/09, \$209,500). Credit split: 25% Burke.
- “Human Terrain Systems”. Co-Principal Investigator, Salas, Burke. Georgia Technical Research Institute (12/1/2008-3/5/2010, \$543,352). Credit split: 50% Burke.
- “Towards Building an Understanding of Multiteam System Effectiveness: The Development of a Theory and Program of Research”. Principal Investigator, Burke; Salas, DeChurch, Co-PI. Army Research Institute (7/07-6/09, \$180K). Credit split: 50% Burke.
- “Towards Building and Understanding of Multiteam System Effectiveness”. Principal Investigator, Burke; Salas, DeChurch, Co-PI. Army Research Institute (5/2008-6/2009, \$157,000). Credit split: 50% Burke.
- “Modes of Coordination in Multiteam Systems: A Historiometric Analysis”. Co-Principal Investigator, DeChurch & Burke. In House Grant (5/2008-4/2009, \$7,500). Credit split: 50% Burke.
- “Second Language Sustainment Trainer”. Co-Principal Investigator, Metcalf, Leticee, & Burke. VCom3D (4/6/09-10-05/09, \$20K). Credit split: 33% Burke.
- “Toward an Understanding of the Macro-Cognitive Processes in Complex Team Problem Solving.” Co-Principal Investigator, Fiore, S. M., Burke, S., Jentsch, F., and Salas, E. Office of Naval Research (11/05-3/09, \$325 K). Credit split: 10% Burke.
- “Mobile Language Reference for Deaf and Hard of Hearing K-12 Students”. Co-Principal Investigator, Metcalf & Burke. VCom3D (11/10/2007-3/31/2008, \$10,000). Credit split: 25% Burke.
- “RAOS TO #8: CASSANDRA and Executive Challenge for DAU”. Co-Principal Investigator, Metcalf & Burke. US RDECOM (6/04/08-12/31/09, \$191,008). Credit split: 30%.
- “Dynamical Systems Tools for Team Performance Assessment and Enhancement”. Phase I STTR #N07-T023, Sub to Intelligent Automation. Principal Investigator, Burke; Salas, Co-PI. Submitted to ONR (7/07-4/08, \$40K). Credit split: 60% Burke.
- “CASSANDRA Phase II: DAU’s Card-Based Model for Collaborative, Blended Learning Games.” Co-Principal Investigator, Metcalf, D., & Burke, C. S. Defense Acquisition University (3/07-12/07, \$377,532 K). Credit split: 25% Burke.
- “Advanced Decision Architectures. Collaborative Technology Alliance.” Project Manager/Research Scientist., Salas, E., PI). Army Research Laboratory (6-01-9/07; \$790,044).
- “Virtual Technologies and Environments (VIRTE) for Advanced Research on Agents and Teams.” Co-Principal Investigator. Nicholson, Stapleton, Fiore, Salas, Rolland, Hughes, Martin, Burke, Smith. Office of Naval Research (1/06-1/07, \$2,137,500). Credit split: 5% Burke.
- “Conventional Training Versus Game Based Training.” Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. Phase I SBIR. Aptima (9/06-3/07, \$21K). Credit split: 40% Burke.
- “RWD Technologies: Phase II Report Development.” Co-Principal Investigator, Metcalf, D., & Burke, C. S. RWD Technologies (9/05-5/07, \$109,500 to date). Credit split: 25% Burke.
- “Leadership Development and Operational Readiness in a Network Centric Warfare, Coalition Environment”. Co-Principal Investigator, Salas, E., & Burke, C. S. Army Research Institute (6/06-4/07, \$115K). Credit split: 60% Burke.
- “Defense Acquisition University Management Game (A Card-Based Model for

Collaborative, Blended Learning Games)”. Co-Principal Investigator, Metcalf, D., Burke, C. S. Army RDECOM-STC (8/06-6/07, \$93K). Credit split: 25% Burke.

- “Defense Acquisition University Simulation Facility Assessment”. Co-Principal Investigator, Metcalf, D., Burke, C. S. Army RDECOM-STC (8/06-6/07, \$40K). Credit split: 25% Burke.
- “Bersin & Associates Learning Industry Research”. Co-Principal Investigator, Metcalf, D., & Burke, C. S. Bersin & Associates (4/06-3/07, \$52,520 to date). Credit split: 25% Burke.
- “Warrior Training for Coalition and Collaborative Teams.” Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. OSD Phase II SBIR (11/03-11/06; \$75K). Credit split: 50%.
- “Stress workload and fatigue on the electronic battlefield. Multi-disciplinary University Research Initiative (MURI).” Project Manager [Team Component]. Principal Investigator, Hancock, P.. Army Research Organization (7/01-12/06; \$4.6M).
- “What constitutes effective team leadership within distributed teams? Testing shared leadership.” In House Grant, Institute for Simulation and Training. Principal Investigator, Burke. (\$5,000). April 2005 – May 2005. Credit split: 100% Burke.
- “Leadership Development and Operational Readiness in a Network Centric Warfare, Coalition Environment: A Workshop & Research Agenda.” Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. Army Research Institute. (4/05-12/05; \$150 K). Credit split: 40% Burke.
- “Tyco”. Co-Principal Investigator, David Metcalf & C. Shawn Burke. Tyco. (8/05-7/06, 50K). Credit split: 25% Burke.
- “RWD Phase I.” Co-Principal Investigator , David Metcalf & C. Shawn Burke. RWD. (9/05-1/06, 9,500). Credit split: 25% Burke.
- “RWD Phase II”. Co-Principal Investigator , David Metcalf & C. Shawn Burke. RWD. (9/05-1/06, 9,500). Credit split: 25% Burke.
- “Instructional geography usability testing: Phase I.” Principal Investigator, C. Shawn Burke & David Metcalf. Instructional Geography (4/05–5/05; \$12,500K). Credit split: 100% Burke.
- “Leadership and team performance in the U.S. Army: A systematic effort to identify what we know and where we need to go.” Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. Army Research Institute .(4/04-9/05; \$274K). Credit split: 40%.
- “Understanding the Pxyis System.” Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. Subcontract through University of Florida under ASHP Foundation Research Grant (9/03-1/04; \$40K). Credit split: 25%.
- “Embedded simulation testbed research and FCS testbed integration.” Co-Principal Investigator, Gary Green, Mike Dolezal, & C. Shawn Burke. STRICOM (1/03-9/04, \$479,521). Credit split: 20%.
- “Conduct High Level Analysis of Naval Undersea Warfare’s Center Current Naval Training System”. Co-Principal Investigator, Eduardo Salas & C. Shawn Burke. IIT Research Institute (7/27/01-11/30/01, \$15K). Credit split: 50%.

## PROFESSIONAL MEMBERSHIPS

- Society for Industrial and Organizational Psychology, Member
- American Psychological Association, Member
- Academy of Management, Member
- INGRoup, Member



## PROFESSIONAL SERVICE

### ADVISORY BOARDS

- Invitation to participate in international scientific advisory board (Virtual Organization and Integrated Operations for Emergency Management) (January 2014)

### PROFESSIONAL SOCIETY INVOLVEMENT

- SIOP Graen Grant Review Committee (2023)
- INGROUPE McGrath Award, Committee Member (2016, 2017, 2019, 2020)
- Submission Reviewer, Academy of Management (2013)
- Submission Reviewer for Interdisciplinary Network for Group Research Conference (2011, 2012, 2015, 2017, 2018, 2019, 2020, 2022, 2023)
- Chair, APS Program Committee (2011 May- 2012 May)
- Chair in Training, APS Program Committee (2010)
- Committee Chair, Thursday Theme Track (The Virtually Connected Workforce). 25<sup>th</sup> Annual Society for Industrial and Organizational Psychology Conference (2009/2010)
- SIOP Small Grant Review Committee (2007, 2008).
- Submission Reviewer, Human Factors and Ergonomics Society Annual Conference: Individual Differences in Performance Technical Group (2002, 2001)
- Submission Reviewer, Human Factors and Ergonomics Society Annual Conference: Training Technical Group (2005, 2004)
- Submission Reviewer, Annual Conference for the Society for Industrial and Organizational Psychology (2013, 2008, 2007, 2006, 2005, 2002, 2022)
- Submission Reviewer for Academy of Management Conference: Organizational Development and Change Division (2004)
- Submission Reviewer for Academy of Management Conference: Organizational Behavior Division (2006)

### ORGANIZATIONAL INVOLVEMENT

- SMST Bylaw Committee (October 2023 – present)
- Search Committee, Vice President for Research (September 2022 – December 2022)
- Strategic Planning Committee – SMST (October 2021 – present)
- Strategic Opportunities Committee – SMST (July 2021 – present)
- Specialty Topic Committee Member (Oral Comprehensives)– Psychology Department (Summer 2021 – Colleen Cui) (Summer 2022 – Moses Rivera, Emily Macias) (Summer 2023 – Krisztina Szabo)
- Search Committee, Instructor/Lecturer – Industrial/Organizational Psychology (March 2021 – July 2021)
- Dean/Vice President 5-Year Review Committee, Member (March – May 2021)
- Faculty Senate, Representative, School of Modeling, Simulation, and Training (2019-2022)
- Faculty Senate, Committee on Committees (2019-2022)
- Faculty Senate, Steering Committee (2019-2022)
- Faculty Senate, Ad Hoc Budget and Labor Crisis Response Committee (2020-2021)
- Faculty Senate, Research Council (2020-2023) (Vice Chair 2020-2022)

- Faculty Senate, Research Council – Compliance Subcommittee (Chair, 2020-present)
- Faculty Senate, Personnel Committee (2022-present)
- Excellence in Profession Service Review Committee (2021, 2022)
- Research Incentive Award Committee – College Level (Dec 2020-Jan 2021)
- Promotion and Tenure Committee, School of Modeling, Simulation, and Training. College Level (2020 - present).
- Cumulative Progress Evaluation (CPE) Committee, Non-Tenure Earning Faculty. Modeling and Simulation Program (2020) (2023, Chair).
- Selection Committee, Industrial/Organizational Psychology Master's Program, 2017 - present
- Selection Committee, Industrial/Organizational Psychology Doctoral Program, 2018 - present
- Selection Committee, Associate/Full Professor Modeling, Simulation, & Training, School of Modeling, Simulation, & Training (2019)
- RIA Committee Chair, University of Central Florida, 2018-2019
- Selection Committee, Research Associate, Creative Development, Institute for Simulation and Training (2018)
- Selection Committee, Faculty Administrator, or Associate or Full Professor, and Deputy Director (MS&T), Institute for Simulation and Training, University of Central Florida (2018)
- Selection Committee, Research Associate Professor Autonomous Systems, Institute for Simulation and Training, University of Central Florida (2017)
- Chair, Department Level Promotion Committee, 2016 Promotion Cycle
- Selection Committee, Research Associate in Human Performance Assessment Search, Institute for Simulation and Training, University of Central Florida (2015)
- Selection Committee, I/O Psychology Senior Professor Faculty Search (Associate-Full Professor), Psychology Department, University of Central Florida (2015) (2016)
- Selection Committee, Coordinator, Research Programs/Services Position, Institute for Simulation and Training (2006)
- Committee Member, Annual Evaluation Standards and Procedures (October 2006)
- Committee Member, Institute for Simulation and Training Lump Sum Performance Bonus Program (2002)
- Selection Committee, Associate in Simulation Position, Institute for Simulation and Training (2005, 2004)
- Selection Committee, Assistant in Simulation Position, Institute for Simulation and Training (2005)
- Committee Member, Institute for Simulation and Training Strategic Planning Committee (2003-2004)
- Committee Member, Tuition Fee Waiver Committee (present-2001)

## **JOURNAL INVOLVEMENT**

### **Editorial Boards**

- *Consulting Editor, Journal of Business and Psychology*
- *Associate Editor, Journal of Trust Research*
- *Editorial Advisory Board Member, Team Performance Management: An International Journal*

### **Ad-Hoc Reviewer**

- Group and Organization Management
- Organizational Psychology Review
- Frontiers

- Human Relations
- Human Resource Management Journal
- International Journal of Sport Psychology
- Journal of Occupational and Organizational Psychology
- Leadership Quarterly
- Quality Safety and Healthcare Journal
- Human Factors Journal
- Human Performance
- Small Group Research
- Journal of Applied Psychology
- Military Psychology

## INVITED REVIEWS

- 1) Shuffler, Verhoeven, Savage, Flynn, & Farago (2017). *Shared Team Leadership*. Oxford Bibliographies in Management. Review completed May 2017.
- 2) Salas, E., Fiore, S. M., & Letsky, M. P. (2012). *Theories of Team Cognition: Cross-Disciplinary Perspectives*. Prospectus Review for Taylor and Francis. Review completed 2009.
- 3) Mone, E. M., & London, M. (2009). *Employee engagement through effective performance management: A manager's guide to psychological principles of team leadership*. Book to be published by Taylor and Francis, Spring 2009.

## TEACHING

### TEACHING EXPERIENCE

#### Instructor of Record, University of Central Florida

INP 6605	Training and Team Performance	Spring 2023, Spring 2022, Spring 2020, Fall 2020
SOP 5059	Advanced Social Psychology	Spring 2016
INP 6971	Thesis Research	Fall 2016 – Fall 2022
PSY 6918	Directed Research	Summer 2021, Summer 2022
PSY 7980	Dissertation	Spring 2023 – Fall 2023
PSY 7919	Research	Fall 2022

### DISSERTATION AND THESIS COMMITTEES

#### Dissertation Committees – International

- 1) Eleni Georganta, Economic & Organizational Psychology Ph.D. Candidate. (*Team adaptation Process: An empirical investigation of its dynamic and complex nature*). Ludwig-Maximilians-Universität (LMU) Munich, Germany. Final Defense, February 2018.
- 2) Synnove Nesse, I/O Ph.D. Candidate. Department of Strategy and Management –NHH – Norwegian School of Economics. Pre-defence June 2014.

#### Master's Committees – International

- 3) Andres Kaosaar, Psychology Master's Candidate (Specialization Clinical and Counseling Psychology). (*Fantastic teams and where to find them: Team dynamics in isolated, confined, and*

*extreme teams through the IMOI framework*). University of Tartu, Tartu, Estonia. Presentation, June 2021.

- 4) Miriam King, Economic & Organizational Psychology Master's Candidate. (*The effects of cultural diversity on team performance and team satisfaction: A meta-analysis*). Ludwig-Maximillan Universität (LMU), Munich, Germany. Presentation, February 2018

### **Dissertation Committees – United States**

- 5) Moses Rivera, I/O Ph.D. Candidate. Proposal in preparation. Dissertation Chair.
- 6) Krisztina Szabo, I/O Ph.D. Candidate. Proposal in preparation. Dissertation Chair.
- 7) Emily Hill, I/O Ph.D. Candidate. Proposal in preparation. Committee Member.
- 8) Colleen Cui, I/O Ph.D. Candidate. Proposal in preparation. Committee Member.
- 9) Ayesha Enayet, Computer Science Ph.D. Candidate. (*Detecting task conflict in multiparty dialogue*). Final Defense Passed: April 2023.
- 10) Christian Alecese, Modeling and Simulation Ph.D. Candidate. (*A behavioral economics perspective on cognitive biases in cybersecurity*). Final Defense Passed: November 2022.
- 11) Brandon Matsumiya, Clinical Ph.D. Candidate. (*A study of deep level processing and self-efficacy of reflective practice and its relationship with achievement goal orientation, interest, reported reflective practice, and formal instruction in graduate clinical psychology students*). Final Defense Passed, May 2021.
- 12) Sam Napier, Modeling and Simulation Ph.D. Candidate. (*A breathing intervention to enhance cardiac regulation and mitigate stress in police cadets*). Final Defense Passed, April 2021.
- 13) Krystyn Ramdial, I/O Ph.D. Candidate. (*Applicant reactions to one-way video interviews: An investigation of the role of culture*). Final Defense Passed, April 2021.
- 14) Dana Verhoeven, I/O Ph.D. Candidate. (*Team familiarity and task interdependence: A new perspective on dynamic team composition*). Clemson University. Final Defense Passed, November 2019.
- 15) Camilo Jimenez, Modeling and Simulation Ph.D. Candidate. (*Identifying type of expertise as a means to measure CRM knowledge structures*). Final Defense Passed, June 2018.
- 16) Irwin Hudson, Modeling and Simulation Ph.D. Candidate. (*Multi-dimensional approach to predicting decision-making potential*). Final Defense Passed, December 2016.
- 17) Ashley M. Hughes, Human Factors Ph.D. Candidate. (*A meta-analytic integration for what matters in training transfer*). Final Defense Passed, December 2015.
- 18) Jennifer Feitosa Pereira, I/O Ph.D. Candidate. (*Can mutual trust explain the diversity-performance relationship? A meta-analysis*). Final Defense Passed, June 2015.
- 19) Megan E. Gregory, I/O Ph.D. Candidate. (*Examining the impact of a fatigue intervention on situation awareness in United States teaching hospitals*). Final Defense Passed, October 2015.
- 20) Christopher Weise, I/O Ph.D. Candidate. (*Assessment center structure and construct validity: A new hope*). Final Defense Passed, April 2015.
- 21) Christopher Coultas, I/O Ph.D. Candidate. (*Identity construction and information processing in a coaching relationship: The effects of coach behavior on coachee goal-setting and commitment*). Graduated 2014.
- 22) Aaron Dietz, HF Ph.D. Candidate. (*The validation of a behavioral marker system to assess intensive care unit team performance*). Graduated 2014.
- 23) Rebecca Grossman, I/O Ph.D. Candidate. (*How do teams become cohesive? A meta-analysis of cohesion's antecedents*). Graduated 2014.
- 24) Lauren E. Benishek, I/O Ph.D. Candidate. (*Exploring the hows and the whos: Unpacking the effects of self-regulation prompting and goal orientation on the learning process*). Graduated 2014.

- 25) Rebecca Lyons, I/O Ph.D. Candidate. (*Examining the impact of error encouragement on training outcomes*). Graduated 2014.
- 26) Tripp Driskell, H/F Ph.D. Candidate. (*Investigative interviewing: A team-level approach*). Graduated 2013.
- 27) Marissa Shuffler, I/O Ph.D. Candidate. (*Where's the boss? The influences of emergent team leadership structure on team outcomes in virtual & distributed environments*). Graduated Summer 2013.
- 28) Caroline Garcia, I/O Ph.D. Candidate. (*Beauty and the beast: The attractiveness bias in an online peer mentoring program*). Graduated 2012.
- 29) Deborah Diaz-Granados, I/O Ph.D. Candidate (*Examining the impact of leader social distance on a multicultural team*). Graduated 2011.
- 30) Dan Miller, I/O Ph.D. Candidate (*The effects of scoring technique on situational judgment test validity*). Graduated 2011.
- 31) Michael Rosen, Human Factors, Ph.D. Candidate. (*Collaborative problem solving: The role of team knowledge building processes and external representations*). Graduated 2010.
- 32) Jessica Wildman, Industrial/Organizational Psychology Ph.D. Candidate. (*The effects of ethnic diversity, perceived similarity, and trust on collaborative behavior and performance*). Master's Thesis, Final Defense Passed, 2010.
- 33) Michelle E. Harper-Sciarini, Human Factors Ph.D. Candidate (*Investigating the reliability and validity of the scores produced from concept map evaluations: The influence of an evaluator's knowledge and training*). Graduated 2010.
- 34) Cameron Klein, I/O Ph.D. Candidate (*How much do interpersonal skills really matter? Antecedents, training efficacy, and relationships with distinct outcome criteria*). Graduated 2009.
- 35) Heather Priest, Human Factors Ph.D. Candidate (*The influence of diversity on initial decisions to trust: A policy capturing approach*). Graduated 2008.
- 36) Moishe Feldman, I/O Ph.D. Candidate (*Emotion regulation training on interpersonal and task performance in a customer service simulation*). Graduated 2008.
- 37) Nic Bencaz, I/O Ph.D. Candidate (*The impact of organizational politics on mentoring relationships*). Graduated 2008.
- 38) Katherine Wilson, Human Factors Ph.D. Candidate (*Does safety culture predict clinical outcomes?*). Graduated 2007.
- 39) Kevin Stagl, I/O Ph.D. Candidate (*Construct validity for two situational judgment tests: The effects of 'Should Do' and 'Would Do' response instructions*). Graduated 2006.

### **Masters' Committees**

- 40) Francel Colon-Acosta, I/O Master's Thesis. Proposal in preparation. Proposal defense scheduled: October 2023. Committee Member.
- 41) Madeline Filippi, I/O Master's Thesis. Proposal in preparation. Co-Chair.
- 42) Allen Shorey, I/O Master's Thesis. Proposal in preparation. Chair
- 43) Taylor Wilhelmy, I/O Master's Thesis. Proposal in preparation. Chair
- 44) Haroon Perez, I/O Master's Thesis. (*Leader emergence: Is there a dark side to leadership claiming behavior?*). Thesis Chair. Proposal Defense Passed: August 2021. Final Defense Passed: July 2022.
- 45) Joshua DeSantiago, Modeling and Simulation Master's Thesis. Final Defense Passed: June 2022.
- 46) Moses Rivera, I/O Master's Thesis. (*Team virtuality and psychological safety: An experiment*). Final Defense Passed, April 2022. Thesis Co-Chair.
- 47) Hillary Chandler, I/O Master's Thesis. (*The mediating role of leader-member exchange: Leader personality and information sharing*). Final Defense Passed, November 2020.

- 48) Krisztina Szabo, I/O Master's Thesis. (*The relationship between narcissism and team decision making*). Thesis Chair. Final Defense Passed, November 2022.
- 49) Justine Moavero, I/O Master's Thesis. (*Examining the moderating role of dispositional coping strategies in the relationship between team role alignment and employee well-being outcomes*). Final Defense Passed, March 2020. Thesis Chair.
- 50) Claudia Hernandez, I/O Master's Thesis. (*The role of resilience on second-victim outcomes: Examining individual and external factors of medical professionals*). Final Defense Passed, June 2019. Thesis Chair.
- 51) Richie Currie, I/O Master's Thesis. (*Group composition characteristics as predictors of shared leadership: An exploration of competing models of shared leadership emergence*). Final Defense Passed, March 2019.
- 52) Ryan Howell, I/O Master's Thesis. (*The relationship between team role subdimensions, personality, and team effectiveness*). Final Defense Passed, July 2018. Thesis Chair.
- 53) Doug Monsky, I/O Master's Thesis. (*Examining followership role orientation*). Final Defense Passed, October 2018. Thesis Chair.
- 54) Lauren Padgett, I/O Master's Thesis. (*Hardiness, team adaptation, & team resilience: A proposed model based on historiometric analysis*). Thesis Chair. Final Defense Passed, June 2018.
- 55) Christina N. Lacerenza, I/O Master's Thesis. (*The nuts and bolts of leadership training: A meta-analysis*). Thesis Defense Passed, July 2015.
- 56) Dana Verhoeven, Applied Psychology Master's Thesis. (*An examination of trust, distrust, and shared leadership in distributed teams*). Thesis Defense Passed, April 2015 (Clemson University).
- 57) Nastassia Savage, I/O Master's Thesis. (*What makes organizational training effective: The influences of what is trained, how its trained, and the type of evaluation on training effectiveness*). Proposal Defended November 2014.
- 58) Stephanie Zajac, Master's Thesis. (*Exploring new boundaries in team cognition: Coordinating knowledge in geographically dispersed teams*). Graduated 2014.
- 59) Budd Darling, I/O Master's Thesis. (*Conflict in virtually distributed teams*). Graduated 2013.
- 60) Christopher Coultas, I/O Master's Thesis. (*Unintentionally unethical: How uncivil leaders violate norms and hurt group performance*). Defended.
- 61) Miliani Jimenez, I/O Master's Thesis. (*Coworker informal accommodations as a work and family conflict in team-based jobs*). Graduated 2010.

#### **Honors in the Major Thesis Committees**

- 62) Jessica Roberts, Honors in the Major Psychology Candidate. (*Meta-analytic regarding the relationship between leader-member exchange and both actual turnover and turnover intent*). Outside Member.
- 63) Claudia Hernandez, Honors in the Major Psychology Candidate. (*Supervisor expectations, event reporting, and patient safety perceptions: Exploring potential moderators and mediators*). Thesis Chair. Final Defense Passed, July 2016.
- 64) Stephanie Matos, Honors in the Major Psychology Candidate. (*Effects of gender diversity on performance: A meta-analysis*). Outside Member.
- 65) Amanda Woods, Honors in Major Psychology Candidate. (*Examining the relationship between trait goal orientation and behavior in team debriefing sessions*). Outside Member. HIM Defense Passed, April 2015.
- 66) Davis Tinkle, Honors in Major Psychology Candidate. (*Effects of gamification on team building and team cohesion*). Outside Member. HIM Defense Passed April 2015.

#### **Modeling and Simulation Program, Qualifying Exam Committee**

- 67) Cristian Alecese, Modeling and Simulation. (*The impact of choice overload on decision deferral in cybersecurity*). Qualifying exam passed, December 2021. Candidacy exam passed, April 2022.
- 68) Sam Napier, Modeling and Simulation. (*A breathing intervention to enhance cardiac regulation and mitigate stress in police cadets*). Passed, August 2019.

## PROFESSIONAL DEVELOPMENT

- Applied NLP Methods for Organizational Research. SIOP Advanced Professional Development Virtual Workshop (April 2021, 12 instructional hours, Drs. Nick Koenig, Matthew Arsenault, & Daniel Schmerling).
- Social Network Analysis of Teams and Organizations. SIOP Seminar (April 2021, Dr. Noshir Contractor & Brennan Antone).
- Power and Responsibility: Teaching Ethics and Adaptive Leadership in a Time of Crisis. Harvard Business Review, Webinar (July 2020).
- Attended the Consortium for the Advancement of Research Methods and Analysis (CARMA) lecture on “Experience Sampling Methods” (Dr. Daniel Beal, 2019).
- Attended Master Tutorial “High Quality Qualitative Research: An Introduction to the Grounded Theory Approach” (Annika Wilhelmy). Annual Conference of the Society for Industrial and Organizational Psychology, April 2018.
- Attended the Consortium for the Advancement of Research Methods and Analysis (CARMA) lecture on “Multi-Level Measurement” (Dr. Gilad Chen, 2018).
- Attended the Consortium for the Advancement of Research Methods and Analysis (CARMA) lecture on ‘Content Analysis’ (Dr. Mike Pfarrer, Fall 2015).
- “R Workshop” (INGRoup, July 2014).
- “Time and Temporality in Process Research, Part I” (Academy of Management, August 2013)
- “Social Network Workshop: Introduction to Social Networks” (Dana Joseph, June\_Part I/July\_Part II - 2012)
- “Introduction to the Analysis of Network Data with UCINET and NetDraw” Workshop (International Network for Social Network Analysis, February 2011)
- “Mixed Methods Research Designs for Ego-centered Social Networks” Workshop (International Network for Social Network Analysis, February 2011)
- “Developing and Enhancing High Performance Teams’ (Leading Edge Consortium, 2010)
- “Qualitative Research Methods” Workshop (Annual Meeting of the Society for Industrial and Organizational Psychology, 2008)
- “Building and Managing Effective E-Learning Systems: How to Build a World-Class Technology-Based Training System in Which Employees Really Learn” Workshop (Annual Meeting of the Society for Industrial and Organizational Psychology, 2008)
- “Leader Development and Education for Sustained Peace” (Invited Observer, Program for 2 SBCT 25ID at Schofield Barracks, May 2007)
- “Team Cognitive Task Analysis” Workshop (Human Factors and Ergonomics Society Annual Meeting, 2004)
- “Global Perspectives on Leadership Development” Workshop (Annual Meeting of the Society for Industrial and Organizational Psychology, 2004).
- “Developing Leadership Without Emotional Intelligence is Like Dancing Without Rhythm” Workshop (Annual Meeting of the Society for Industrial and Organizational Psychology, 2004).

## PERSONAL BIOGRAPHY

**C. Shawn Burke** is a Professor (Research) and Director of the TRACE lab at the Institute for Simulation and Training, University of Central Florida. Her expertise includes teams and their leadership, team adaptability, team training, measurement, evaluation, and team effectiveness. Dr. Burke has published over 90 journal articles and book chapters related to the above topics and has presented/had work accepted at over 200 peer-reviewed conferences. Dr. Burke has received funding from the following agencies: Army Research Institute, Army Research Laboratory, Air Force Office of Scientific Research, Office of Naval Research, Army Research Office, National Science Foundation, DARPA, National Academies of Science/Gulf Oil Research Program, SLB, and NASA. Most recently, Dr. Burke has been funded by NASA to investigate issues related to team leadership, team roles, cultural diversity, and interpersonal relations within the context of teams operating in isolated, confined environments (e.g., long duration space exploration) with an eye towards fostering resiliency within such teams. All of the above work is conducted with an interest in team leadership and the training of teams operating in complex environments. She has also been funded by the Army Research Institute to investigate issues related to leader and team resilience and team composition.

Dr. Burke earned her doctorate in Industrial/Organizational Psychology from George Mason University and is an Associate Editor for the Journal of Trust Research and Consulting Editor for the Journal of Business and Psychology. She also serves as an ad-hoc reviewer for several journals, including: *Leadership Quarterly*, *Journal of Applied Psychology*, *Group and Organization Management*, *Organizational Psychology Review*, *Human Factors*, *Military Psychology*, *Small Group Research*, and *Human Resource Management*. She has co-edited books on adaptability, advances in team effectiveness research, and intelligent tutoring for teams.

### References

Available upon request.