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EDUCATION

2000	UNIVERSITY OF PITTSBURGH, Pittsburgh, Pennsylvania <i>Doctor of Philosophy, Cognitive Psychology.</i>
1994	UNIVERSITY OF PITTSBURGH, Pittsburgh, Pennsylvania <i>Master of Science, Cognitive Psychology.</i>
1991	UNIVERSITY OF MARYLAND, College Park, Maryland <i>Bachelor of Arts, Psychology.</i>
1988	UNIVERSITY OF MARYLAND, College Park, Maryland <i>Bachelor of Science, Marketing.</i>
1986	MONTGOMERY COLLEGE, Rockville, Maryland <i>Associate in Arts, Business Administration.</i>

HONORS AND AWARDS

- ❖ *Adviser*, 1st Place, Best Student Led Paper Award, Cognitive Engineering and Decision Making Technical Group, 59th Annual Meeting of the Human Factors and Ergonomics Society, 2015.
- ❖ *Adviser*, 1st Place, Best Student Led Paper Award, Cognitive Engineering and Decision Making Technical Group, 58th Annual Meeting of the Human Factors and Ergonomics Society, 2014.
- ❖ *Adviser*, 2nd Place, Best Student Led Paper Award, Cognitive Engineering and Decision Making Technical Group, 57th Annual Meeting of the Human Factors and Ergonomics Society, 2013.
- ❖ *Reach for Stars Award*, Office of the President, University of Central Florida, 2014 (\$10,000 annual research stipend)
- ❖ *Research Incentive Award*, Office of the Provost, University of Central Florida, 2012 (\$5,000 annual addition to base salary)
- ❖ *Invited Member Extended Expert Group*. Collaborative Problem Solving. Organisation for Economic Co-operation and Development. 2015 Programme for International Student Assessment (PISA). 2011-2012.
- ❖ *National Training Simulation Association Modeling and Simulation Award - Training*. Awarded to the Next-generation Expeditionary Warfare – Intelligent Training (NEW-IT) ISS Team. Office of Naval Research, University of Central Florida (Institute for Simulation & Training), Design Interactive, Lockheed Martin, and CHI Systems – 2011
- ❖ *Invited Visiting Professorship*, Centre d'Epistémologie des Sciences Cognitives, École Normale Supérieure, Lyon, France. December, 2010
- ❖ *Best Paper Award*, MODSIM World Conference and Expo, Serious Games & Virtual Worlds Track, 2010
- ❖ *Best Poster Award*, Interdisciplinary Network for Group Research, 2009
- ❖ *Distinguished Contributor Invitation*. Introductory and Concluding Chapters, Edited volume on *Human Performance Enhancement in High Risk Environments*, 2009
- ❖ *Research Incentive Award*, Office of the Provost, University of Central Florida, 2006 (\$5,000 annual addition to base salary)
- ❖ *Best Paper Nomination*, (2005). Software Technology Track, 38th Hawaii International Conference System Sciences
- ❖ *American Psychological Association, Division 49, Dissertation Research Award Finalist*, 2001
- ❖ *Andrew Mellon Pre-doctoral Fellowship*, University of Pittsburgh, 1996-1997 Academic Year

- ❖ *Cognitive Program Award for Excellence in Teaching*, University of Pittsburgh, June 1996
- ❖ *Outstanding Graduate Student Research Award*, Creative Concepts Conference, May 1995
- ❖ *American Psychological Society Travel Award*, San Diego Conference, July 1992
- ❖ *Psi Chi National Honor Society in Psychology*, University of Maryland, September 1991
- ❖ *Outstanding Chapter Communications Award*, American Marketing Association, April 1988
- ❖ *National Collegiate Business Merit Award*, University of Maryland, January 1988
- ❖ *Alpha Lambda Delta National Honor Society*
- ❖ *Dean's List*, University of Maryland
- ❖ *Dean's List*, Montgomery College
- ❖ *National Dean's List*

EMPLOYMENT HISTORY

DIRECTOR, Cognitive Sciences Laboratory - Institute for Simulation and Training, University of Central Florida, 09/07 to Present

- Lead and manage interdisciplinary projects related to cognitive and collaborative processes
- Support development and analysis of cognitive science related research
- Plan for and pursue external funding for interdisciplinary research
- Prepare publications for dissemination of findings
- Secure grants and contracts research funding

ASSOCIATE PROFESSOR, Cognitive Sciences Program, Department of Philosophy, University of Central Florida, 08/10 to Present (Assistant Professor from 08/05 to 08/10)

- Responsible for teaching graduate courses in the cognitive sciences
- Advise undergraduate and graduate students
- Serve on thesis and dissertation committees
- Serve on department and university committees and support educational programs

DIRECTOR, Consortium for Research in Adaptive Distributed Learning Environments - Institute for Simulation and Training, University of Central Florida, 11/02 to 09/07

- Oversee research to facilitate learning and training in complex environments
- Oversee collection and analysis of scientific data related to learning and training
- Plan for and pursue external funding for research in distributed learning and training
- Prepare publications for dissemination of findings
- Secure grants and contracts research funding

RESEARCH SCIENTIST, Team Performance Laboratory, Department of Psychology - University of Central Florida, 8/00 to 09/07

- Lead experimental design and project implementation for basic and applied research
- Oversee collection and analysis of scientific data
- Prepare manuscripts for presentation at conferences and for publication in scientific journals
- Train and supervise graduate student assistants in experimental procedures

RESEARCH ASSOCIATE, Team Performance Laboratory, Department of Psychology - University of Central Florida, 6/98 to 8/00

- Coordinate experimental design and project implementation for team research projects
- Collect, tabulate and interpret data and prepare research reports for publication
- Train and supervise research assistants in experimental procedures
- Prepare research reports for presentation at conferences and for publication in scientific journals

LAB COORDINATOR, Learning Research and Development Center - University of Pittsburgh, 9/92 to 6/98

- Assist in the management, and generally oversee operation of cognitive psychology research lab
- Participate in, and coordinate, experimental design and project implementation
- Collect, tabulate and interpret data and prepare research reports for publication
- Train and supervise research assistants in experimental procedures

ORGANIZATION DEVELOPMENT CONSULTANT, Department of Organization Development, Office of Human Resources - University of Pittsburgh, 3/97 to 6/98

- Facilitate cross-functional teams in the analysis of work process problem identification
- Conduct situation assessments to determine most adequate problem-solving approaches
- Assist teams in the analysis of problem-solving causes and in the implementation of problem solutions

CONSULTING PSYCHOLOGIST, Contract position with the Laboratory of Socio-environmental Studies, National Institute of Mental Health - Bethesda, Maryland, 9/92 to 6/98

- Recommend procedures to collect data and design database programs to manage multiple data sets
- Design database editing programs to arrange data sets into formats conducive to statistical analysis
- Assist in experimental design and statistical procedures

TEACHING FELLOW, Department of Psychology - University of Pittsburgh, 9/92 to 5/98 (Intermittent Semesters)

- Design and implement teaching methods for Cognitive Psychology and Social Psychology courses and lead recitation and laboratory sections for undergraduate psychology courses
- Lecture on classic and recent research on various aspects of psychological science
- Teach experimental procedures and the proper writing style for scientific research articles

PSYCHOLOGICAL RESEARCH ASSISTANT, Laboratory of Socio-environmental Studies, National Institute of Mental Health - Bethesda, Maryland, 9/90 to 9/92

- Performed a variety of duties involved in the collection and analysis of research data
- Interpreted researchers' needs and set up experimental and statistical procedures accordingly
- Served as editorial assistant to assigned investigators in preparing and editing scientific manuscripts

RESEARCH ASSISTANT, Human Computer Interaction Lab - Psychology Department, University of Maryland, 9/90 to 12/91

- Carried out experimental procedures and maintained and analyzed data
- Assisted in writing procedures for experiments
- Scheduled and helped manage research assistants

MARKETING COORDINATOR, Computer Learning Center - Springfield, Virginia, 5/89 to 5/90

- Managed an approximately \$500K marketing budget consisting of television and newspaper advertising
- Designed and managed lead tracking system to monitor advertising and sales force effectiveness
- Designed, produced and maintained inventory of all marketing literature
- Supervised the admissions department support staff

RESEARCH

SCHOLARLY PUBLICATIONS

NOTE: *The * denotes current or former student collaborators.*

Books – Authored Volumes

1. Hoffman, R. R., Ward, P., Feltovich, P. J., DiBello, L., **Fiore, S. M.**, & Andrews, D. H. (2013). *Accelerated Expertise: Training for High Proficiency in a Complex World*. East Sussex, UK: Psychology Press, Taylor & Francis Group Ltd.

Books - Edited Volumes

1. **Fiore, S.M.** & Salas, E. (in development). From Neurons to Networks: Multi-Disciplinary Measurement Approaches for Understanding Team Cognition. Oxford: Oxford University Press.
2. Salas, E., **Fiore, S. M.**, & Letsky, M. (Eds.). (2012). *Theories of Team Cognition: Cross-Disciplinary Perspectives*. New York & London: Routledge.
3. Letsky, M. Warner, N., **Fiore, S.M.**, & Smith, C. (Eds.). (2008). *Macro cognition in Teams: Theories and Methodologies*. London: Ashgate Publishers.
4. **Fiore, S. M.** & Salas, E. (Eds.). (2007). *Toward a science of distributed learning*. Washington, DC: American Psychological Association.
5. Salas, E., & **Fiore, S. M.** (Eds.). (2004). *Team Cognition: Understanding the factors that drive process and performance*. Washington, DC: American Psychological Association.

Conference Proceedings - Edited

1. **Fiore, S. M.** & *Harper-Sciarini, M. (Eds.). (2011). *Proceedings of the 10th International Conference on Naturalistic Decision Making (NDM 2011)*. May 31st to June 3rd, 2011, Orlando, FL, USA. Orlando, FL: University of Central Florida.

Journal Special Issues Created and Edited

1. Salas, E., **Fiore, S. M.**, Letsky, M., & Warner, N. (2010). Shared Cognition in Complex Environments: Emerging Theoretical Issues with Macrocognitive Processes. *Theoretical Issues in Ergonomic Science*.
 - **Fiore, S. M.**, Smith-Jentsch, K. A., Salas, E., Warner, N., & Letsky, M. (2010). Toward an Understanding of Macrocognition in Teams: Developing and Defining Complex Collaborative Processes and Products. *Theoretical Issues in Ergonomic Science*, 11, 4, 250-271.
2. **Fiore, S.M.** & Salas, E. (2008). Cognition, Competition, and Coordination: Understanding Expertise in Sports and its Relevance to Learning and Performance in the Military. Special Issue of *Military Psychology*, Volume 20, Issue S1
 - **Fiore, S. M.** & Salas, E. (2008). Cognition, Competition, and Coordination: The “Why” and the “How” of the Relevance of the Sports Sciences to Learning and Performance in the Military. Lead Article for Special Issue of *Military Psychology*, 20, S1, S1-S9.
 - **Fiore, S. M.**, Hoffman, R. R., & Salas, E. (2008). Learning and performance across disciplines: An epilogue for moving multidisciplinary research towards an interdisciplinary science of expertise. Concluding Article for Special Issue of *Military Psychology*, 20, S1, S155-S170.

3. **Fiore, S.M.** & Salas, E. (2006). Team Cognition and Expert Teams: Emerging Insights into Learning and Performance for Exceptional Teams. *International Journal of Sports and Exercise Psychology, Volume 4*.
 - **Fiore, S.M.** & Salas, E. (2006). Team Cognition and Expert Teams: Developing Insights from Cross-Disciplinary Analysis of Exceptional Teams. *International Journal of Sports and Exercise Psychology, 4*, 369-375.
4. **Fiore, S.M.**, Jentsch, F., & Rubinstein, J. (2004). Science and Security: Human-centered Research for Keeping our Nation Safe. Special Section of *International Journal of Cognitive Technology, Volume 9*.
 - **Fiore, S.M.**, Jentsch, F., & Rubinstein, J. (2004). Science and Security: Human-centered Research for Keeping our Nation Safe. Preface to Special Section of *International Journal of Cognitive Technology, 9*, 20-21.
 - **Fiore, S.M.**, Rubinstein, J., Jentsch, F. (2004). Considering Science and Security from a Broader Research Perspective. Concluding Article for Special Section in *International Journal of Cognitive Technology, 9*, 40-42
 - **Fiore, S.M.**, *Scielzo, S., & Jentsch, F. (2004). Stimulus Competition During Perceptual Learning: Training and Aptitude Considerations in the X-ray Security Screening Process. Content Article for Special Section in *International Journal of Cognitive Technology, 9*, 34-39.

Peer-Reviewed Journal Articles

1. *Gabelica, C., **Fiore, S. M.**, Van den Bossche, P., Segers, M., & Gijsselaers, W. (2016). Establishing team knowledge coordination from a learning perspective. *Human Performance, 29(1)*, 33-53.
2. *Wiltshire, T.J., *Lobato, E.J.C., McConnell, D.S., & **Fiore, S.M.** (2015). Prospects for direct social perception: A multi-theoretical integration to further the science of social cognition. *Frontiers in Human Neuroscience. 8:1007*. doi: 10.3389/fnhum.2014.01007.
3. *Bedwell, W. L., **Fiore, S. M.**, & Salas, E. (2014). Developing the future workforce: An approach for integrating interpersonal skills in the MBA classroom. *Academy of Management Learning & Education, 13(2)*, 171-186.
4. *Cuevas, H.M. & **Fiore, S.M.** (2014). Enhancing learning outcomes in computer-based training via self-generated elaboration. *Instructional Science, 42*, 839–859.
5. **Fiore, S.M.**, *Phillips, E., & *Sellers, B. (2014). A Transdisciplinary Perspective on Hedonic Sustainability. *Ergonomics in Design. 22(2)*, 22-29.
6. **Fiore, S. M.**, *Wiltshire, T. J., *Oglesby, J. M., O’Keefe, W. S., & Salas, E. (2014). Complex Collaborative Problem Solving in Mission Control. *Aviation, Space, & Environmental Medicine, 85(4)*, 456-461.
7. *Sellers, B.C., **Fiore, S.M.**, & Szalma, J. (2014). Developing a scale of environmental efficacy. *The International Journal of Sustainability Policy and Practice, 8, 4*, 169-195.
8. *Keebler, J. R., *Wiltshire, T. J., *Smith, D., **Fiore, S. M.**, & Bedwell, J. S. (2014). Shifting the paradigm of music instruction: Implications of embodiment stemming from an augmented reality guitar learning system. *Frontiers in Psychology: Theoretical and Philosophical Psychology, 5(471)*. DOI: 10.3389/fpsyg.2014.00471
9. *Wiltshire, T. & **Fiore, S.M.** (2014). Social Cognitive and Affective Neuroscience in Human–Machine Systems: A Roadmap for Improving Training, Human–Robot Interaction, and Team Performance. *IEEE Transactions on Human-Machine Systems, 44(6)*, 779-787.
10. **Fiore, S.M.**, *Wiltshire, T.J., *Lobato, E.J.C., Jentsch, F., Huang, W.H., & Axelrod, B. (2013). Towards Understanding Social Cues and Signals in Human-robot Interaction: Effects of Robot Gaze and Proxemic Behavior. *Frontiers in Psychology: Cognitive Science. 4:859*. doi: 10.3389/fpsyg.2013.00859.
11. Johnston, J., **Fiore, S.M.**, Paris, C., & Smith, C. A. P. (2013). Application of Cognitive Load Theory to Developing a Measure of Team Cognitive Efficiency. *Military Psychology, 25(3)*, 252-265.
12. *Schuster, D., *Rivera, J., *Sellers, B.C., **Fiore, S.M.**, & Jentsch, F. (2013). Perceptual training for visual search. *Ergonomics, 56(7)*, 1101-1115.

13. *Wiltshire, T.J., *Lobato, E.J.C., Jentsch, F., & **Fiore, S.M.** (2013). Will (dis)Embodied LIDA Agents be Socially Interactive? *Journal of Artificial General Intelligence*, 4(2), 23-58.
14. *Asencio, R., *Carter, D. R., DeChurch, L. A., Zaccaro, S. J., & **Fiore, S. M.** (2012). Charting a Course for Collaboration: A Multiteam Perspective. *Translational Behavioral Medicine: Practice, Policy and Research*, 4, 2, 487-494.
15. **Fiore, S.M.**, Rodriguez, W., & Carstens, (2012). uCollaborator: Framework for STEM Project Collaboration Among Geographically-Dispersed Student/Faculty Teams. *Journal of STEM Education*, 13, 2, 84-92.
16. **Fiore, S. M.**, Ross, K., & Jentsch, F. (2012). A Team Cognitive Readiness Framework for Small Unit Training. *Journal of Cognitive Engineering and Decision Making*, 6(3), 325-349.
17. *Fiorella, L., Vogel-Walcutt, J. J. & **Fiore, S. M.** (2012). Differential impact of two types of metacognitive prompting provided during simulation-based training. *Computers in Human Behavior*, 28, 696-702.
18. *Pavlas, D., Jentsch, F., Salas, E., **Fiore, S.M.**, & Sims, V. (2012). The Play Experience Scale: Development and Validation of a Measure of Play. *Human Factors*, 54(2), 214-225.
19. Salazar, M. R., Lant, T. K., **Fiore, S. M.**, & Salas, E. (2012). Facilitating Innovation in Diverse Science Teams Through Integrative Capacity. *Small Group Research*, 43, 5, 527-558.
20. *Wildman, J. L., *Shuffler, M. L., *Lazzara, E. H., **Fiore, S. M.**, Burke, C. S., Salas, E., & Garven, S. (2012). Trust Development in Swift Starting Action Teams: A Multilevel Framework. *Group and Organization Management*, 37(2), 137-170.
21. Bedwell, J.S., Gallagher, S., Whitten, S.N., & **Fiore, S.M.** (2011). Linguistic correlates of self in deceptive oral autobiographical narratives. *Consciousness and Cognition*, 20, 3, 547-555.
22. Falk-Krzesinski, H.J., Contractor, N., **Fiore, S.M.**, Hall, K.L., Kane, C., Keyton, J., Klein, J.T., Spring, B., Stokols, D., and Trochim, W. (2011). Mapping a Research Agenda for the Science of Team Science. *Research Evaluation*, 20(2), 145-158.
23. Hoffman, R. R., Ziebell, D., Feltovich, P. J., Moon, B. M., & **Fiore, S. M.** (2011). Franchise Experts. *IEEE Intelligent Systems*, 26(6), 72-77.
24. Börner, K., Contractor, N., Falk-Krzesinski, H, J., **Fiore, S. M.**, Hall, K. L., Keyton, J., Spring, B., Stokols, D., Trochim, W., Uzzi, B. (2010). A multi-level systems perspective for the science of team science. *Science Translational Medicine*, 2(49), 1-5.
25. **Fiore, S. M.**, *Rosen, M. A., Smith-Jentsch, K. A., Salas, E., Letsky, M. & Warner, N. (2010). Toward an Understanding of Macrocognition in Teams: Predicting Processes in Complex Collaborative Contexts. *Human Factors*, 52, 2, 203-224.
26. Rodriguez, W., **Fiore, S.M.**, De Welde, K., Carstens, D.S., Kepuska, V.Z. (2010). Ubiquitous Collaboration (uC) Learning: Connecting the Physical and Virtual Worlds. *Ubiquitous Learning: An International Journal*, 2(2), 43-64.
27. **Fiore, S. M.**, Harrison, G. W., Hughes, C. E., & Rutstrom, E. E. (2009). Virtual Experiments and Environmental Policy. *Journal of Environmental Economics & Management*, 25, 65-86.
28. **Fiore, S. M.**, McDaniel, R., & Jentsch, F. (2009). Narrative-Based Collaboration Systems for Distributed Teams: Nine Research Questions for Information Managers. *Information Systems Management*, 26, 1, 28-38.
29. Hoffman, R. R., Feltovich, P. J., **Fiore, S. M.**, Klein, G., & Ziebell, D. (2009). Accelerated Learning (?). *IEEE Intelligent Systems*, 24(2), 18-22.
30. **Fiore, S. M.** (2008). Interdisciplinarity as Teamwork: How the Science of Teams can inform Team Science. *Small Group Research*, 39(3), 251-277.
31. Hoffman, R. R., Ziebell, D., **Fiore, S. M.**, & Becerra-Fernandez, I. (2008). Knowledge management revisited. *IEEE Intelligent Systems*, 23(3), 84-88.
32. Hoffman, R. R., & **Fiore, S. M.** (2007). Perceptual (re)learning: A leverage point for human-centered computing. *IEEE Intelligent Systems*, 22, 3, 79-83.
33. Kępuska, V.Z, Gurbuz, S., Rodriguez, W., **Fiore, S.M.**, Carstens, D., Converse, P. & Metcalf, D. (2008). uC: Ubiquitous Collaboration Platform for Multimodal Team Interaction Support. *Journal of International Technology and Information Management*, 17, 3/4, 263-284.

34. *Rosen, M.A., **Fiore, S.M.**, Salas, E., Letsky, M., & Warner, N. (2008). Tightly Coupling Cognition: Understanding how Communication and Awareness Drive Coordination in Teams. *International Journal of Command and Control*, 2, 1, 1-30.
35. *Cuevas, H. M. **Fiore, S. M.**, Caldwell, B. S., & Strater, L. (2007). Augmenting Team Cognition in Human-Automation Teams Performing in Complex Operational Environments. *Aviation, Space, and Environmental Medicine*, 78, 5, B63-B70.
36. *Fidopiastis, C.M., Stapleton, C.B., Whiteside, J.D., Hughes, C.E., **Fiore, S.M.**, Martin, G.A., Rolland, J.P. & Smith E.M. (2006). Human experience modeler: Context driven cognitive retraining to facilitate transfer of training. *Cyberpsychology & Behavior*, 9, 2, 183-187.
37. **Fiore, S. M.**, & McDaniel, R. (2006). Building Bridges: Connecting Virtual Teams Using Narrative and Technology. *THEN: Journal of Technology, Humanities, Education and Narrative*. Published Online January 02, 2006 <http://thenjournal.org/commentary/95/>. Lead Article Inviting Commentary.
38. *Howard, M. L., **Fiore, S. M.**, & Jentsch, F. (2006). "Honey, did you remember to do your homework?": Understanding Everyday Memory Failures in Children and Their Parents. *Cognitive Technology*, 11, 36-45.
39. McDaniel, R., **Fiore, S.**, *Greenwood-Ericksen, A., *Scielzo, S., & Cannon-Bowers, J. (2006). Video Games as Learning Tools for Project Management. *International Digital Media and Arts Journal*, 3, 1, 78-91.
40. *Cuevas, H. M., **Fiore, S. M.**, Bowers, C. A., & Salas, E. (2004). Fostering constructive cognitive and metacognitive activity in computer-based complex task training environments. *Computers in Human Behavior*, 20, 225-241.
41. **Fiore, S. M.**, Salas, E., *Cuevas, H. M. & Bowers, C. A. (2003). Distributed coordination space: Toward a theory of distributed team process and performance. *Theoretical Issues in Ergonomic Science*, 4, 3-4, 340-363.
42. **Fiore, S. M.**, *Cuevas, H. M., & Oser, R. L. (2003). A picture is worth a thousand connections: The facilitative effects of diagrams on task performance and mental model development. *Computers in Human Behavior*, 19, 185-199.
43. *Cuevas, H. M., **Fiore, S. M.**, & Oser, R. L. (2002). Scaffolding cognitive and metacognitive processes: Use of diagrams in computer-based training environments. *Instructional Science*. 30, 433 – 464.
44. **Fiore, S. M.** & Schooler, J. W. (2002). How did you get here from there: Verbal overshadowing of spatial mental models *Applied Cognitive Psychology*, 16, 897-910.
45. **Fiore, S. M.**, *Cuevas, H. M., *Scielzo, S., & Salas, E. (2002). Training individuals for distributed teams: Problem solving assessment for distributed mission research. *Computers in Human Behavior*, 18, 125 - 140.
46. *Kring, J. P., **Fiore, S. M.**, *Samman, S. N., & Salas, E. (2002). Culture's impact on spacecraft design and human technology interfaces: Findings and recommendations. Published abstract in *Aviation, Space, & Environmental Medicine*, 73, 225.
47. Salas, E., *Kosarzycki, M. P., Burke, C. S., **Fiore, S. M.**, & Stone, D. L. (2002). Emerging themes in distance learning research and practice: Some food for thought. *International Journal of Management Reviews*, 4, 135-153.
48. **Fiore, S. M.**, Jentsch, F., Oser, R., & Cannon-Bowers, J. A. (2000). Perceptual and conceptual processing in expert/novice cue pattern recognition. *Cognitive Technology*, 5, 17-26.

Commentaries and Book Reviews in Journals

1. **Fiore, S. M.** (2013). Scientific genius: In different guises. *Nature*, 494(7438), p. 430
2. Vogel, A. L., Hall, K. L., **Fiore, S. M.**, Klein, J. T., Bennett, L. M., Gadlin, H., Stokols, D., Nebeling, L. C., Wuchty, S., Patrick, K., Spotts, E. L., Pohl, C., Riley, W. T., Falk-Krzesinski, H. J. (2013). The Team Science Toolkit: Enhancing Research Collaboration Through Online Knowledge Sharing. *American Journal of Preventative Medicine*, 45(6), 787–789. (Invited)
3. **Fiore, S. M.** (2012). Networking Knowledge Creation. Review of Michael Nielsen (2012), "Reinventing Discovery: The New Era of Networked Science". *Science*, 336, 6 April, 36-37. (Invited)
4. Falk-Krzesinski, H. J., Börner, K., Contractor, N. S., Cummings, J., **Fiore, S. M.**, Hall, K. L., Keyton, J., Spring, B., Stokols, D., Trochim, W., Uzzi, B. (2010). Advancing the science of team science. *Clinical and Translational Science* 3, 5. (Invited)
5. **Fiore, S. M.** (2006). Review of D. J. Herrmann, C. Y. Yoder, M. Gruneberg, & D. G. Payne (2006), "Applied Cognitive Psychology." *Cognitive Technology*, 11, 1, 48-50. (Invited)
6. *Szielzo, S. & **Fiore, S. M.** (2003). Multimedia design principles: Maximizing the utility of "multi-modalities" when implementing "multi-media." Review of R. E. Mayer (2001) "Multimedia Learning." *Cognitive Technology*, 8, 2, 51-54.
7. Schooler, J.W. & **Fiore, S. M.** (1995). Stirring things up. Review of H. Gardner (1993) "Creating Minds." *Applied Cognitive Psychology*, 8, 542-543.

Book Chapters in Edited Volumes

1. **Fiore, S.M.** & *Kapalo, K. (in press). Teams and Technology: New Methods for Assessing Interaction and Collaboration between Brains and Bodies. To appear in A. A. von Davier, M. Zhu, & P. C. Kyllonen (Eds.), *Innovative Assessment of Collaboration*. New York: Springer.
2. **Fiore, S.M.**, *Carter, D.R., & *Asencio, R. (2015). Conflict, Trust, and Cohesion: Examining Affective and Attitudinal Factors in Science Teams. In E. Salas, W.B. Vessey, & A.X. Estrada (Eds.), *Team Cohesion: Advances in Psychological Theory, Methods and Practice* (pp. 271-301). Emerald Group Publishing Limited.
3. *Bockelman Morrow, P. & **Fiore, S. M.** (2013). Team Cognition: Coordination across Individuals and Machines. In J. D. Lee and A. Kirlik (Eds.), *The Oxford Handbook of Cognitive Engineering, Vol. 1: Foundations, Perspectives and Cognitive Issues* (pp. 200-215). New York: Oxford University Press.
4. **Fiore, S.** (2013). Situated action. In B. Kaldis (Ed.), *Encyclopedia of philosophy and the social sciences*. (Vol. 18, pp. 869-871). Thousand Oaks, CA: SAGE Publications.
5. *Elias, J. & **Fiore, S. M.** (2012). Commentary on the Coordinates of Coordination and Collaboration. In E. Salas, S. M. Fiore, & M. Letsky (Eds.), *Theories of Team Cognition: Cross-Disciplinary Perspectives. Applied Psychology Series* (571-595). New York: Taylor & Francis.
6. **Fiore, S.M.** (2012). Cognition and Technology: Interdisciplinarity and the Impact of Cognitive Engineering Research on Organizational Productivity. In S. Kozlowski (Ed.). *Oxford Handbook of Industrial and Organizational Psychology* (pp. 1306-1322). Oxford University Press.
7. *Lyons, R., *Lum, H., **Fiore, S.M.** Salas, E., Warner, N., & Letsky, M. P. (2012). Considering the influence of task complexity on macrocognitive team process. In E. Salas, S. M. Fiore, & M. Letsky (Eds.), *Theories of Team Cognition: Cross-Disciplinary Perspectives. Applied Psychology Series* (271-288). New York: Taylor & Francis.
8. *Wildman, J. L., **Fiore, S. M.**, Burke, C. S. Salas, E., & Garven, S. (2011). Trust in Swift Starting Action Teams: Critical Considerations. In N. A. Stanton (Ed.), *Trust in Military Teams* (pp. 71-88). Aldershot, UK: Ashgate.
9. **Fiore, S. M.** & *da Costa da Silveira, A. (2010). Cognition, Curriculum and Culture: A Preliminary Look at the Experiences of Veterans in Higher Education. In C. Hopkins, Herrmann, D., R. B. Wilson, B. Allen, & L. Malley (Eds.), *Improving College Education of Veterans* (pp. 137-178). ISBN1-4505-0057-9.

10. **Fiore, S. M.,** *Elias, J., Salas, E., Warner, N. & Letsky, M. (2010). From Data, to Information, to Knowledge: Measuring Knowledge Building in the Context of Collaborative Cognition. In E. Patterson and C. Miller (Eds.), *Macrocognition Metrics and Scenarios: Design and Evaluation for Real-World Teams* (pp. 179-200). Ashgate Publishing: United Kingdom.
2. **Fiore, S. M.,** *Rosen, M. A., & Salas, E. (2010). Uncertainty Management and Macrocognition in Teams: A Multi-disciplinary Review and Integration. In K. Mosier & U. Fischer (Eds.). *Informed by Knowledge: Expert Performance in Complex Situations* (pp. 247-260). East Sussex, UK: Psychology Press, Taylor & Francis Group Ltd.
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2. *Kapalo, K.A., *Phillips, E., & **Fiore, S.M.** (in press). From Animals to Androids: Leveraging the Human-Animal Team Model to Inform Human-Robot Interaction. Proceedings of 60th Annual Meeting of the Human Factors and Ergonomics Society. Santa Monica, CA: Human Factors and Ergonomics Society.
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5. *Wiltshire, T. J., *Lobato, E. J. C., *Garcia, D. R., **Fiore, S. M.**, Jentsch, F. G., Huang, W., & Axelrod, (2015). Effects of robotic social cues on interpersonal attributions and assessments of robot interaction behaviors. *Proceedings of 59th Annual Meeting of the Human Factors and Ergonomics Society* (pp. 801-805). Santa Monica, CA: Human Factors and Ergonomics Society. **(1st Place, Best Student Led Paper Award, Cognitive Engineering and Decision Making Technical Group).**
6. *Goodwin, M., *Wiltshire, T. J., & **Fiore, S. M.** (2015). Applying research in the cognitive sciences to the design and delivery of instruction in virtual reality learning environments. *Proceedings of Human Computer Interaction International Conference (HCII 2015): Virtual, Augmented and Mixed Reality Systems and Applications* (pp. 280-291). Springer Berlin Heidelberg.
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9. *Wiltshire, T. J., *Rosch, K., *Fiorella, L., & **Fiore, S. M.** (2014). Training for collaborative problem solving: Improving team process and performance through metacognitive prompting. *Proceedings of 58th Annual Meeting of the Human Factors and Ergonomics Society* (pp. 1154-1158). Santa Monica, CA: Human Factors and Ergonomics Society.
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42. Rodriguez, W., **Fiore, S. M.**, & Carstens, D. (2009). uCollaborator: 3-D Simulated Platform for Collaborating Visually with Geographically-Dispersed Design Teams. *Proceedings of the ASEE-EDGD Mid-Year Conference*, Berkeley, CA. (CD-ROM).
43. *Rosen, M. A., Salas, E., Fiore, S. M., *Pavlas, D., & *Lum, H. L. (2009). Team Cognition and External Representations: A Framework and Propositions for Supporting Collaborative Problem Solving. *Proceedings of 53rd Annual Meeting of the Human Factors and Ergonomics Society* (pp. 1295-1299). Santa Monica, CA: Human Factors and Ergonomics Society.

44. *Sellers, B., Fiore, S. M., *Rivera, J., & Jentsch, F. (2009). Research Issues for Collaborative versus Individual Training in the X-Ray Screening Task. *Proceedings of 53rd Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
45. Vogel-Walcutt, J. J., Fiore, S., Bowers, C. & Nicholson, D. (2009). Embedding metacognitive prompts during SBT to improve knowledge acquisition. *Proceedings of 53rd Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
46. *Wildman, J., *Shuffler, M., **Fiore, S.**, *Lazzara, E. H., *Rosen, M., *Xavier, L. et al. (2009). Adopting the Training Cycle for Trust Training in Swiftly Starting Action Teams. *Proceedings of 53rd Annual Meeting of the Human Factors and Ergonomics Society* (pp. 1913-1917). Santa Monica, CA: Human Factors and Ergonomics Society.
47. **Fiore, S. M.**, *Cuevas, H. M., & *Scielzo, S. (2008). Understanding Metacognitive Biases in Complex Tasks. In *Proceedings of the International Conference of the Learning Sciences ICLS 2008*, Utrecht, The Netherlands, June 2008. (CD-ROM). Mahwah, NJ: Erlbaum.
48. **Fiore, S. M.**, *Elias, J., Gallagher, S., & Jentsch, F. (2008). Cognition and Coordination: Applying Cognitive Science to Understand Macrocognition in Human-Agent Teams. *Proceedings of the 8th Annual Symposium on Human Interaction with Complex Systems*, Norfolk, Virginia.
49. *Lum, H., **Fiore, S. M.**, *Rosen, M. R., & Salas, E. (2008). Complexity in Collaboration: Developing an Understanding of Macrocognition in Teams through Examination of Task Complexity. *Proceedings of 52nd Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
50. *Pavlas, D., *Rosen, M., Salas, E., & **Fiore, S. M.** (2008). The Use of a Visual Attention Game to Aid Vigilance Tasks: Theory and Implementation. *Proceedings of 52nd Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
51. *Rosen, M. A., **Fiore, S.M.**, Salas, E. Letsky, M., & Warner, N. (2008). Macrocognition in Command and Control: Understanding and assessing verbal and non-verbal communications during complex collaborative problem solving. *Proceedings of the 13th International Command and Control Research and Technology Symposium* (13th ICCRTS), Washington, DC: United States Department of Defense Command and Control Research Program.
52. *Scielzo, S., **Fiore, S. M.**, Jentsch, F., & Rehfeld, S. (2008). Criterion Shift and Anchoring in a Discrimination Training Paradigm: the Importance of Pre-Training. *Proceedings of 52nd Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
53. **Fiore, S. M.**, McDaniel, R., *Rosen, M., R., & Salas, E. (2007). Developing Narrative Theory for Understanding the Use of Story in Complex Problem Solving Environments. In K. L. Mosier and U. M. Fischer (Eds.), *Proceedings of the 8th International Conference on Naturalistic Decision Making*. Pacific Grove, CA.
54. **Fiore, S. M.** & Nicholson, D. (2007). Putting the Cart Together with the Horse: Augmenting Cognition across the Training Cycle. *Proceedings of the 4th International Conference of the Augmented Cognition Society*. October 2007, Baltimore MD.
55. Letsky, M., Warner, N., **Fiore, S.M.**, *Rosen, M.A., & Salas, E. (2007). Macrocognition in Complex Team Problem Solving. *Proceedings of the 12th International Command and Control Research and Technology Symposium* (12th ICCRTS), Washington, DC: United States Department of Defense Command and Control Research Program.
56. *Rosen, M. A., *Feldman, M., **Fiore, S. M.**, & Salas, E. (2007). Augmented Team Cognition for Complex Problem-Solving Tasks: A Framework and Research Agenda. *Proceedings of the 4th International Conference of the Augmented Cognition Society*.
57. Salas, E. & **Fiore, S. M.** (2007). Macrocognition Metrics: Meaningful Measures for Complex Processes. *Proceedings of 51st Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
58. **Fiore, S.M.**, *Scielzo, S., Jentsch, F., & *Howard, M. (2006). Understanding performance and cognitive efficiency when training for X-ray security screening. *Proceedings of the 50th Annual Meeting of the Human*

- Factors and Ergonomics Society* (pp. 2610-2614). Santa Monica, CA: Human Factors and Ergonomics Society.
59. *Greenwood-Ericksen, A., **Fiore, S.**, McDaniel, R., *Scielzo, S., & Cannon-Bowers, J. (2006). Synthetic Learning Environment Games: Prototyping a Humanities-Based Game for Teaching African American History. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 60. Nicholson, D., Stanney, K., **Fiore, S.M.**, Davis, L., Fidopiastis, C., Finkelstein, N. & Arnold, R. (2006). An adaptive system for improving and augmenting human performance. In D. Schmorow, K. Stanney, and L. Reeves (Eds.), *Augmented Cognition: Past, Present and Future* (215-222). Arlington, VA: Strategic Analysis, Inc.
 61. *Rosen, M., **Fiore, S. M.**, Salas, E. (2006). Cultural evolution in team problem solving. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 62. *Scielzo, S., Fiore, S. M., Dahan, Y., Lopez, J., & Stafford, S. (2006). Computer based training and multimedia design: The role of spatial aptitude in learning. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*, 1231-1235. Santa Monica, CA: HFES.
 63. *Cuevas, H. M. & **Fiore, S.M.** (2006). Enhancing Learners' Cognitive and Metacognitive Processes via Self-Generated Elaboration. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 64. **Fiore, S.M.**, *Scielzo, S., Jentsch, F., & *Howard, M. (2006). Effects of discrimination task training on X-ray screening decision. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 65. *Greenwood-Ericksen, A., **Fiore, S.**, McDaniel, R., *Scielzo, S., & Cannon-Bowers, J. (2006). Synthetic Learning Environment Games: Prototyping a Humanities-Based Game for Teaching African American History. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 66. *Rosen, M., **Fiore, S. M.**, Salas, E. (2006). Cultural evolution in team problem solving. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 67. *Scielzo, S., Fiore, S. M., Dahan, Y., Lopez, J., & Stafford, S. (2006). Computer based training and multimedia design: The role of spatial aptitude in learning. *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*, 1231-1235. Santa Monica, CA: HFES.
 68. **Fiore, S. M.**, Jentsch, F., Becerra-Fernandez, I., Salas, E. & Finkelstein, N. (2005). Integrating field data with laboratory training research to improve the understanding of expert human-agent teamwork. In the *IEEE Proceedings of the 38th Hawaii International Conference System Sciences*. Los Alamitos, CA (**Nominated for best paper**).
 69. **Fiore, S. M.**, Jentsch, F., *Rehfeld, S., & Finkelstein, N. (2005). Situation Awareness and Human-Agent Teams: Integrating Socio-cognitive Theories with the Practice of Human Agent-Teamwork. *Proceedings of the 11th International Conference on Human-Computer Interaction*.
 70. **Fiore, S. M.**, Jentsch, F., Salas, E., & Finkelstein, N. (2005). Cognition, Teams, and Augmenting Team Cognition: Understanding Memory Failures in Distributed Human-Agent Teams. *Proceedings of the 11th International Conference on Human-Computer Interaction*.
 71. **Fiore, S.M.**, Johnston, J., Paris, C., & Smith, C. A. P. (2005). Evaluating Computerized Decision Support Systems for Teams: Using Cognitive Load and Metacognition Theory to Develop Team Cognition Measures. *Proceedings of the 11th International Conference on Human-Computer Interaction*.
 72. **Fiore, S. M.**, Johnston, J., & McDaniel, R. (2005). Applying the Narrative Form and XML Metadata to Debriefing Simulation-based Exercises. *Proceedings of the 49th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
 73. **Fiore, S.M.**, *Rosen, M., Garfield, K., & Finkelstein, N. (2005). Developing an interdisciplinary language for human-agent teams. *Proceedings of the 49th Annual Meeting of the Human Factors and Ergonomics Society* (pp. 2149-2153). Santa Monica, CA: Human Factors and Ergonomics Society.

74. *Sanchez, A., *Cuevas, H. M., **Fiore, S. M.**, & Cannon-Bowers, J. A. (2005). Virtual Field Trips: Synthetic Experiences and Learning. *Proceedings of the 49th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
75. *Scielzo, S., *Cuevas, H. M., & **Fiore, S. M.** (2005). Investigating Individual Differences and Instructional Efficiency in Computer-Based Training Environments. *Proceedings of the 49th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
76. *Cuevas, H. M., **Fiore, S. M.**, Bowers, C. A., & Salas, E. (2004). Using guided learner-generated instructional strategies to transform learning into a constructive cognitive and metacognitive activity. *Proceedings of the 48th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
77. **Fiore, S. M.**, Johnston, J., & Van Duyn, L. (2004). Conceptualizing the *Training Space*: Constructing Hierarchies to Integrate Time and Space for Debriefing Distributed Simulation-Based Exercises. *Proceedings of the 48th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
78. **Florida Alliance for the Study of Expertise** (collective organization authorship under E. Salas and S. M. Fiore National Science Foundation Grant Funding). (2004). From the perceptual to the organizational: How can the science of expertise better inform the practice of human performance? In D. Vincenzi, M. Mouloua, and P. Hancock (Eds.) *Proceedings of the Second Human Performance, Situation Awareness and Automation Conference: Current Research and Trends, Volume II* (pp. 83-91). Mahwah, NJ: Lawrence Erlbaum Associates.
79. **Fiore, S. M.**, *Cuevas, H. M., & Salas, E. (2003). Putting working memory to work: Integrating cognitive science theories with cognitive engineering research. *Proceedings of the 47th Annual Meeting of the Human Factors and Ergonomics Society* (439 – 443). Santa Monica, CA: Human Factors and Ergonomics Society.
80. **Fiore, S. M.**, Jentsch, F., Bowers, C. A., & Salas, E. (2003). Shared mental models at the intra- and inter-team level: Applications to counter-terrorism and crisis response for Homeland Security. *Proceedings of the 47th Annual Meeting of the Human Factors and Ergonomics Society* (508 - 512). Santa Monica, CA: Human Factors and Ergonomics Society.
81. *Scielzo, S, **Fiore, S. M.**, *Cuevas, H. M, & *Klein, J. L. (2003). Impact of multimedia presentation on knowledge acquisition for complex training. *Proceedings of the 47th Annual Meeting of the Human Factors and Ergonomics Society* (398 – 402). Santa Monica, CA: Human Factors and Ergonomics Society.
82. Shobe, K. & **Fiore, S. M.** (2003). Similarity and priority on the submarine officer deck: Assessing knowledge structures for Officers of the Deck. *Proceedings of the 47th Annual Meeting of the Human Factors and Ergonomics Society* (398 – 402). Santa Monica, CA: Human Factors and Ergonomics Society.
83. *Cuevas, H. M., **Fiore, S. M.**, & Salas, E. (2002). A macroergonomic approach to distributed team performance. *Proceedings of the 46th Annual Meeting of the Human Factors and Ergonomic Society* (1335 - 1339). Santa Monica, CA: Human Factors and Ergonomics Society.
84. **Fiore, S. M.**, *Cuevas, H. M., Salas, E., & Schooler, J. W. (2002). Distributed teams and distributed memory. In E. Salas and S. M. Fiore (Chairs), *Team Cognition: Process and Performance at the Inter-and Intra-individual Level*. *Proceedings of the 46th Annual Meeting of the Human Factors and Ergonomic Society* (398 – 402). Santa Monica, CA: Human Factors and Ergonomics Society.
85. *Scielzo, S., **Fiore, S. M.**, *Cuevas, H. M., & Salas, E. (2002). Utility of mental model assessment in diagnosing cognitive and metacognitive processes. *Proceedings of the 46th Annual Meeting of the Human Factors and Ergonomic Society* (566 – 568). Santa Monica, CA: Human Factors and Ergonomics Society.
86. **Fiore, S. M.**, Salas, E., & Bowers, C. A. (2001). Attitudes, behaviors, and cognition in distributed teams: The effect of team opacity on process and performance. *Proceedings of the 45th Annual Meeting of the Human Factors and Ergonomic Society* (382 -386). Santa Monica, CA: Human Factors and Ergonomics Society.
87. **Fiore, S. M.** & Schooler, J. W. (2001). Convergent or divergent problem space search: The effect of problem structure on group versus individual problem solving. *Proceedings of the 45th Annual Meeting of the Human Factors and Ergonomic Society* (483 – 487). Santa Monica, CA: Human Factors and Ergonomics Society.
88. **Fiore, S. M.**, Fowlkes, J., *Martin-Milham, L., & Oser, R. L. (2000). Convergence or divergence of expert models: On the utility of knowledge structure assessment in training research. *Proceedings of the 44th Annual*

- Meeting of the Human Factors and Ergonomic Society, 2, 427-430, Santa Monica, CA: Human Factors and Ergonomics Society.*
89. **Fiore, S. M.**, Oser, R., L., & *Cuevas, H. (2000). Knowledge structure instantiation: Implications for measurement and transfer. *Proceedings of the 44th Annual Meeting of the Human Factors and Ergonomic Society, 1, 292*, Santa Monica, CA: Human Factors and Ergonomics Society.
 90. *Cuevas, H. M., **Fiore, S. M.**, & Oser, R., L. (2000). Individual differences in complex task learning via interactive systems. *Proceedings of the 44th Annual Meeting of the Human Factors and Ergonomic Society, 3, 171*, Santa Monica, CA: Human Factors and Ergonomics Society.
 91. *Cuevas, H. M., **Fiore, S. M.**, & Oser, R., L. (2000). Individual differences in complex task learning via interactive systems. *Proceedings of the 44th Annual Meeting of the Human Factors and Ergonomic Society, 3, 171*, Santa Monica, CA: Human Factors and Ergonomics Society.
 92. **Fiore, S. M.**, Jentsch, F., Oser, R., & Cannon-Bowers, J. A. (1999). Perceptual and Conceptual Processing in Expert Cue-Pattern Recognition. *Proceedings of the 43rd Annual Meeting of the Human Factors Society, 138-142*, Santa Monica, CA: Human Factors and Ergonomics Society.

INVITED PRESENTATIONS

Invited Presentations at International Meetings

1. **Fiore, S. M.** (2016). Understanding Team Science Theory and Practice for Advancing Marine Science in the MEOPAR Program. *Invited Presentation at the Annual MEOPEER Training Program* (February 3rd), Banff, Alberta, Canada.
2. **Fiore, S.M.** (2015). Team cognition as hybrid human-technology collaboration. Invited Closing Keynote Presented at the *International Transdisciplinarity Conference (td-net)* (Sep. 10), Basel Switzerland.
3. **Fiore, S. M.** (2014). From Neurons to Networks: Examining Interactions between Brains and Bodies over Time and Space. Invited Panelist. *Educational Testing Service Workshop on Innovative Assessment of Collaboration (November 2-4)*, Washington, DC.
4. **Fiore, S. M.** (2014). Overview of Interdisciplinary Research: The Researcher Perspective. Invited Presentation. *Methodological Issues in the Evaluation of the National Science Foundation's Interdisciplinary Research Programs. Workshop Organized by Institute for Defense Analysis*. October 3, 2014, Alexandria, VA.
5. **Fiore, S. M.** (2014). Disentangling Interpersonal Skills: Collaboration Complexity in the Context of Collaborative Problem Solving. Invited Presentation. *National Assessment of Educational Progress Innovations Symposium: Collaborative Problem Solving*. Organized by Educational Testing Service. September 29, 2014, Washington, DC.
6. **Fiore, S. M.** (2013). Task and compositional factors in individual and group problem solving. Invited Presentation. *Gender Summit 3 – North America: Diversity Fueling Excellence in Research and Innovation*. National Science Foundation, November 14, Washington, DC.
7. **Fiore, S. M.** (2013). Collaborative Science and Diversity: Fostering Interdisciplinary Careers in Support of Innovation. Invited Presentation. *Gender Summit 3 – North America: Diversity Fueling Excellence in Research and Innovation*. National Science Foundation, November 15th, Washington, DC.
8. **Fiore, S. M.** (2013). Overview of the Science of Team Science. Invited Opening Presentation. *Planning Meeting on Interdisciplinary Science Teams, Board on Behavioral, Cognitive, and Sensory Sciences Division of Behavioral and Social Sciences and Education, National Research Council*. National Academy of Science, January 11, Washington, DC.
9. **Fiore, S. M.** (2013). Team Cognition and Team Based Learning. Invited Plenary Address. *Team Based Learning Conference*, March 1, San Diego, CA.
10. **Fiore, S. M.** (2011). Conceptual and Methodological Challenges with Interpersonal Skills Assessment. Invited Presentation. *National Academies of Science Workshop on 21st Century Skills*, May 4th, 2011, National Academies of Science, Washington, DC.
11. **Fiore, S. M.,** *Bedwell, W., & Salas, E. (2011). Interpersonal Skills Assessment: Social and Collaborative Factors and the 21st Century Workforce. Invited Presentation. *National Academies of Science Workshop on "Assessment of 21st Century Skills"*, University of California-Irvine, January, 2011.
12. **Fiore, S. M.** (2010). Teamwork and Team Cognition. Invited Seminar. *Centre d'Epistémologie des Sciences Cognitives, École Normale Supérieure*, Lyon, France, December, 2010.
13. **Fiore, S. M.** (2010). From the Micro to the Macro: Non-Cartesian Approaches to Team Cognition. Invited Colloquium. *Centre d'Epistémologie des Sciences Cognitives, École Normale Supérieure*, Lyon, France, December, 2010.
14. **Fiore, S. M.** (2009). External and Explicit: Encouraging Knowledge Integration via Explicit Metacognitive Prompting while Learning Complex Tasks. Invited Presentation. European Science Foundation, *European Collaborative Research (EUROCORES) Programmes "Consciousness in a Natural and Cultural Context (CNCC)" Final Conference Programme, Department of Philosophy at the University of Edinburgh*, 2-4 October 2009.
15. **Fiore, S. M.** (2008). On Narrative and Networks: Using Narrative Theory to Support Team Cognition. Invited Presentation. *European Science Foundation sponsored Collegium/Summer School on "Social Cognition and Social Narrative"*. Università degli Studi della Repubblica di San Marino, 7-13 July 2008.

16. **Fiore, S. M.** (2008). Narrative and Team Cognition. Invited Colloquium. *Department of Psychology, Università Cattolica del Sacro Cuore, Milan Italy, July 2008.*

Invited Presentations at National Meetings

1. **Fiore, S. M.** (2016). Team Dynamics in Interdisciplinary Science. *Invited Presentation at Yale University Coffee and Conversation Series.* May 24th, Yale University, New Haven, CT.
2. **Fiore, S. M.** (2016). Understanding Team Dynamics to Enhance Cross-disciplinary Scientific Collaborations. *Invited Presentation at Yale Child Study Center Grand Rounds,* May 24th, New Haven, CT.
3. **Fiore, S. M.** (2016). The “Why” and the “What” of the Science of Team Science. Invited Keynote Address, *National Council of University Research Administrators Region III Meeting,* May 2nd, Miramar Beach, FL.
4. **Fiore, S. M.** (2016). Solving the Big Problems with Collaborative Research. Invited Keynote Address, *University Graduate Student Research Awards Dinner, University of Missouri, Kansas City, April 29th,* Kansas City, MO.
5. **Fiore, S. M.** (2016). Understanding the “Team” Part of “Team Science”. Invited Workshop Presentation, *University of Missouri, Kansas City, April 29th,* Kansas City, MO.
6. **Fiore, S. M.** (2016). Team Dynamics in Interdisciplinary Team Science. *Invited Presentation at Stanford University and Stanford Medical School Symposium on Leading Team Science Teams.* March, 22nd, Stanford University, Palo Alto, CA.
7. **Fiore, S. M.** (2016). Enhancing Collaboration in Cross-disciplinary Science. *Invited Keynote for the Rhode Island NIH IDeA Symposium.* March 17th, Brown University, Providence, RI.
8. **Fiore, S. M.** (2016). Coordinating Collaboration in Cross-Disciplinary Science Teams (SciTeams). *Invited Workshop at Iowa State University (March 1st),* Ames, Iowa, USA.
9. **Fiore, S. M.** (2016). The Science of Team Science and Building an Interdisciplinary Research Team. *Invited Colloquium, Iowa State University, Office of Vice President for Research.* February 29th, Ames, Iowa, USA.
10. **Fiore, S. M.** (2015). Cognitive Computing for Team Cognition: Augmenting Macrocognition in Teams in Support of Scientific Collaboration. Invited Presentation. *IBM Research Workshop on “Mycroft Cognitive Assistant: Enhancing Team Science”.* December 15th, Almaden, CA.
11. **Fiore, S. M.** (2015). Making Explicit the “Teamwork” Component of Team Science. Invited Panelist, *National Science Foundation National EPSCoR Conference,* November 2nd, Portsmouth, NH.
12. **Fiore, S. M.** (2015). The Science of Team Science and Collaborative Research. Invited Colloquium, *University of Cincinnati, Office of Research Advanced Seminar Series.* October 19th, Cincinnati, OH.
13. **Fiore, S. M.** (2015). Collaboration Technologies and the Science of Team Science. Invited Presentation. *Symposium on Enhancing the Effectiveness of Team Science. Board on Behavioral, Cognitive, and Sensory Sciences Division of Behavioral and Social Sciences and Education, National Academies of Science, Engineering, and Medicine,* September 17th, Washington, DC.
14. **Fiore, S. M.** (2015). Supporting team science by coordinating cognition across levels of analysis. Invited Presentation. In Symposium, S. Kingsland (Chair), “Fostering Transdisciplinary Science to Meet 21st Century Challenges: How Can Ecology Learn from the 'Science of Team Science'?” *100th Annual Meeting of the Ecological Society of America,* August 11th, Baltimore, MD.
15. **Fiore, S. M.** (2015). Assessing Key Interpersonal Competencies: Why Understanding Collaboration Processes Can Support Learning Academic Content. *Invited Presentation to National Academies of Science Committee on Assessing Intrapersonal and Interpersonal Competencies (July 30th),* Keck Center of the National Academies, Washington, DC, USA.
16. **Fiore, S. M.** (2015). Pursuing Professional Development to Enhance the Effectiveness of Team Science in Global Health Innovations. *NIH Fogarty International Centers Network Meeting on Framework Programs for Global Health Innovation.* July 1st, Bethesda, MD.
17. **Fiore, S. M.** (2015). Collaborative Cognition in the Context of Interdisciplinary Science. *Invited Presentation, In “Training the Mind of an Interdisciplinary Scientist.” Annual Meeting of the Society for Experimental Biology and Medicine,* March 29th, Boston, MA.

18. **Fiore, S. M.** (2015). Considering Cognition in Collaborative Contexts. Invited Colloquium, *Center for Multidisciplinary Studies, Rochester Institute of Technology*, February 17th, Rochester, NY.
19. **Fiore, S. M.** (2015). Understanding and Managing Teams and Teamwork in the AACP Academic Research Fellows Program. *Keynote Address at the American Association of Colleges of Pharmacy's Academic Research Fellows Program* (January 12th), Tucson, AZ.
20. **Fiore, S.M.** (2014). Science and Technology Centers and INSPIRE Programs: Understanding and Managing Teamwork During Complex Scientific Collaborations. Invited Distinguished Lecture. *Office of International and Integrative Activities, National Science Foundation*, December 5th, Washington, DC.
21. **Fiore, S. M.** (2014). Team Science 101: Foundations for Understanding and Supporting Collaboration in Science. Invited Presentation. Panel on "Applying the Social/Behavioral Sciences: Approaches to Facilitating Collaborative Research Teams", *Council on Research Policy and Graduate Education, Association of Public and Land-grant Universities*, November 2, Orlando, FL.
22. **Fiore, S. M.** (2014). How Team Science Theory and Practice can Advance the AACP Academic Research Fellows Program. Invited Keynote Address. *American Association of Colleges of Pharmacy's Academic Research Fellows Program*, September 9th, Bethesda, MD.
23. **Fiore, S.M. & *Wiltshire, T.** (2014). Team Cognition and Complex Collaborative Problem Solving During EVA 21. Presented at NASA JSC Problem Solving Technical Interchange Meeting, August 25, Houston, TX.
24. **Fiore, S. M.** (2014). Developing team science in support of science collaboratives. Invited Keynote Address. *Clinical and Translational Science Collaborative, Case Western Reserve University*, February 17, Cleveland, OH.
25. **Fiore, S. M.** (2013). Collaborative Cognition in Complex Contexts. Invited Colloquium. *Santa Fe Institute*, October 14, Santa Fe, New Mexico.
26. **Fiore, S. M.** (2013). Developing and Sustaining Interdisciplinary Teams. Invited Plenary Address. *Academic Research Fellows Program of the American Association of Colleges of Pharmacy*, September 10. Washington, DC.
27. **Fiore, S. M.** (2013). Team Science as a Model to Collaborate, Leverage Resources and Sustain Programs. Invited Keynote Presentation. *National Institute of Nursing Research, 2013 Center Directors Meeting, National Institutes of Health*, April 9, Bethesda, MD.
28. **Fiore, S. M.** (2012). The Science of Team Science: Understanding Collaborative Competencies for Effective Scientific Teamwork. Invited Colloquium. *The National Socio-Environmental Synthesis Center*, October 16, Annapolis, MD.
29. **Fiore, S. M.** (2012). Train to Do Team Science: Learning the Why and How of Scientific Collaboration. Invited Keynote. *Association of American Medical Colleges Joint Annual Meeting of the Graduate Research, Education, and Training (GREAT) group and the Group on Research Advancement and Development (GRAND)*, September 21, Nashville, TN.
30. **Fiore, S. M.** (2012). Understanding Team Cognition Inside and Outside the Head. Invited Colloquium. *The Role of Health Care Teams in Cancer Care*. National Cancer Institute, May 18, Rockville, MD.
31. **Fiore, S. M.** (2012). Teamwork and Team Cognition: Cognitive and Collaborative Processes in Support of Complex Problem Solving. Invited Colloquium. *Presented at the Behavioral Research Program Crosstalk Invited Speakers Series*. National Cancer Institute, August 9, Rockville, MD.
32. **Fiore, S. M.** (2012). Macrocognition and the Science of Team Science. Invited Panelist. *3rd Annual Science of Team Science Meeting*. April, Chicago, IL.
33. **Fiore, S. M.** (2011). Collaboration Readiness and Conflict Resolution: Understanding how Affect and Cognition Influence Team Science Behaviors. Invited Panelist. *2nd Annual Science of Team Science Meeting*. April, Chicago, IL.
34. **Fiore, S. M.** (2010). Constructs for Collaboration: Concepts from the Science of Teams to Address the Challenges of Team Science. Invited Panelist. *1st Annual Science of Team Science Meeting*. April, Chicago, IL.
35. **Fiore, S. M.** (2007). Cross-, Multi-, Inter-, and Trans-Disciplinary Research. Invited Panelist. *Plenary Session of the 2nd Annual Meeting of the Interdisciplinary Network for Group Research*, July, Grand Rapids, MI.

36. **Fiore, S. M.** (2004). What the brain can tell us about team coordination. Invited Presentation. Army Research Institute Conference, *Moving Towards the Next Frontier of Team Effectiveness Research*, December, Orlando, FL.
37. **Fiore, S. M.**, Salas, E., Cuevas, H. M. & Bowers, C. A. (2004). Distributed Coordination Space: Toward a Theory of Distributed Team Process and Performance. Invited Presentation. *16th Annual Convention of the American Psychological Society*. May, Chicago, Illinois.
38. **Fiore, S. M.** (2003). Outbrief on Embedded Testing and Training. Invited Presentation. *Blue Ribbon Panel at the Annual, NET3, National Experimentation, Testing, Training, and Technology Conference*. July, Orlando, Florida.
39. **Fiore, S. M.** & Salas, E. (2002). Team training and expert teams. Invited Presentation. *Institute for Human and Machine Cognition workshop on "The expertise bend: Institutionalizing the study of expert knowledge and skill in the gulf coast region."* May, University of West Florida.
40. **Fiore, S. M.**, Salas, E., Jentsch, F., & Bowers, C. A. (2002). Prospective memory and attention management: Understanding memory failures in complex operational environments. Invited Presentation. *Office of Naval Research workshop on "Attention, Perception, and Data Visualization,"* May, Fairfax Virginia.
41. **Fiore, S. M.** (2001). Language and thought: Conflicting cognitive processes in dynamic team environments. Invited Presentation. *Air Force Office of Scientific Research workshop on "Distributed Team Performance Research,"* October, Fairfax Virginia.
42. **Fiore, S. M.**, Salas, E. & Bowers, C. A. (2001). Distributed teams, distributed training, and distributed team training. Invited Presentation. *Air Force Office of Scientific Research workshop on "Distributed Mission Training Research Network (DMT-Rnet),"* April, San Antonio, Texas.
43. **Fiore, S. M.** (1997). Differential influence of task type on problem solving by groups and individuals. Invited Presentation. Naval Air Warfare Center, Training Systems Division, November, Orlando, FL.
44. Schooler, J.W., Melcher, J., Ryan, R.S., & **Fiore, S. M.** (1995). At a loss from words: Verbalization can overshadow many types of non-verbal memories. Invited Presentation. *Annual Meeting of the Midwestern Psychological Society*, Chicago, IL.

Invited Presentations at State and Local Meetings

1. **Fiore, S.M.** (2015). Successful Research Collaborations. Invited presentation, *STEM Proposal Writing Track, University of Central Florida, Summer Faculty Development Conference* (May 12), Orlando, FL.
2. **Fiore, S. M.** (2015). How Collaborative Cognition Can Inform Social Inquiry and Public Policy. Invited Lecture, *PAF 7317 Social Inquiry & Public Policy, College of Health and Public Affairs, University of Central Florida*, March 5, Orlando, FL.
3. **Fiore, S.M.** (2015). Cognitive Technology in the Year 2025. *In the Otronicon Futurist Panel*, Orlando Science Center, January 17, Orlando, FL.
4. **Fiore, S. M.** (2014). Understanding the Role of Collaboration and Teamwork in Interdisciplinary Scholarship. Invited Keynote Address. *University of North Florida Annual University Wide Conference*, April 18, Jacksonville, FL.
5. **Fiore, S. M.** (2014). The Science of Team Science: Understanding and Managing Teamwork During Complex Collaboration. Invited Colloquium. *Scientists and Engineers Expanding Diversity and Success (SEEDS), University of Miami*, (April 8), Miami, FL.
6. **Fiore, S. M.** (2013). Developing a Science and Practice of Interdisciplinary Teams. Invited Lecture. *College of Business Administration Doctoral Seminar in Management Research - Groups and Teams*, University of Central Florida, August 27. Orlando, FL
7. **Fiore, S. M.** (2013). Theory and Practice in Complex Cognitive Contexts. Invited Lecture. *Doctoral Seminar in Industrial/Organizational Psychology, Training and Development in Organizations, Department of Psychology*, University of South Florida, February 12, Tampa, FL.
8. **Fiore, S. M.** (2012). Collaborative Cognition Inside and Outside the Head. Invited Seminar. *Florida Institute of Technology*, November 13, Melbourne, FL.

9. **Fiore, S. M.** (2012). Team Science: The Why and How of Scientific Collaboration. Invited Presentation. Office of Research and Commercialization, *UCF Grants Day - Strategies for Team-Based Research*. University of Central Florida, April 9, Orlando, FL.
10. **Fiore, S. M.,** Wiltshire, T. & Oglesby, J. (2012). An Examination of Collaborative Problem Solving in NASA's Mission Control Center. Invited Presentation. *Florida Space Institute Speaker Series*. Florida Space Institute, October 10th, Orlando, FL.
11. **Fiore, S. M.** (2011). Coordinating Levels of Collaboration: Exploring Micro- Meso- and Macro-level Issues in Team Science. Invited Colloquium. *University of Florida Clinical and Translational Science Institute*. March, Gainesville, FL.
12. **Fiore, S. M.** (2011). Collaboration Readiness: Preparing the Next Generation of Researchers to Lead and Participate in Team Science. Invited Colloquium. *University of Florida, Department of Agricultural Education and Communication*, March, Gainesville, FL.
13. **Fiore, S. M.** (2010). Cross-, Multi-, Inter-, and Trans-Disciplinary Research: A prefix by any other name... Invited Presentation. *University of Central Florida Office of Research and Commercialization workshop on Collaborative Research Opportunities*, April, Orlando, FL.
14. **Fiore, S. M.,** McDaniel, R., *Greenwood-Ericksen, A., *Scielzo, S., *Sanchez, A., Cannon-Bowers, J. A., & Mundy, C. (2005). Mundy Learning Game Prototype. Invited Presentation. *Metro Orlando Urban League*. December, Orlando, FL.
15. **Fiore, S. M.** (2004). Using a Science of Learning to Support the Development of Expert-like Knowledge. Invited Colloquium. *Instructional Systems Design Program, Colloquia Series, College of Education*, Florida State University, March, Tallahassee, Florida.

REFEREED CONFERENCE PRESENTATIONS (NO PUBLISHED PROCEEDINGS)

Presented at International Conferences (without published proceedings)

1. **Fiore, S. M.** (2016). Teams and Technology: Augmenting and Externalizing Cognition to Advance Team Science. Chair, Invited Panel. *7th Annual Science of Team Science Conference* (May 16-19), Phoenix, AZ, USA.
2. **Fiore, S.M.** (2016). SciTS 101: Fundamentals of the Science of Team Science. Opening Presentation for Conference Workshop. *7th Annual Science of Team Science Conference* (May 16-19), Phoenix, AZ, USA.
3. *Gabelica, C. & **Fiore, S.M.** (2016). Learning to be a Science Team. *7th Annual Science of Team Science Conference* (May 16-19), Phoenix, AZ, USA.
4. **Fiore, S. M.** (2016). Developing National Research Policy with Use-Inspired Science for Organizational Research. Chair, Panel. *Presented at the 30th Annual Meeting of the Society for Industrial and Organizational Psychology*, April 14-17, Los Angeles, CA.
5. **Fiore, S. M.** (2016). Organizing That's Out of This World! Ignite Panel. *Presented at the 30th Annual Meeting of the Society for Industrial and Organizational Psychology*, April 14-17, Los Angeles, CA.
6. **Fiore, S. M.** (2015). Critical Team Cognitive Processes during Long-Duration Exploration Missions. Paper Presented at the 29th Annual Meeting of the Society for Industrial and Organizational Psychology, April 23-25, Philadelphia, PA.
7. **Fiore, S. M.,** & Hall, K. A. (2015). Leading Across Levels in Science. Paper Presented at the 29th Annual Meeting of the Society for Industrial and Organizational Psychology, April 23-25, Philadelphia, PA.
8. **Fiore, S.M.** (2015). Understanding and Improving Science Team Dynamics and Effectiveness. NRC Report "Applying Science to Improve the Effectiveness of Team Science. *International Convention of Psychological Science*. March 13, Amsterdam, Netherlands.
9. **Fiore, S. M.** (2014). From Neurons to Networks: Understanding Interaction at Multiple Levels. *The National Academies Keck Futures Initiative, "Collective Behavior: From Cells to Societies"* (November 12-15), Irvine, CA.

10. *Lobato, E. J. C., *Wiltshire, T. J., & **Fiore, S. M.** (2014). The utility of human's ontological knowledge of social robots for human robot interaction research. Presented at the 58th Annual Meeting of the Human Factors and Ergonomics Society (October 27th-31th) Chicago, IL.
11. **Fiore, S. M.** (2013, April). A Theoretical Foundation for "Facilitating Teamwork Through Bits and Bytes". Paper Presented at the 28th Annual Meeting of the Society for Industrial and Organizational Psychology, April 11-13, Houston, TX.
12. **Fiore, S. M.**, Smith-Jentsch, K. A., *Wiese, C., & Salas, E. (2013, April). Macro cognition in Teams: Collaborative Cognition Inside and Outside the Head. Paper Presented at the 28th Annual Meeting of the Society for Industrial and Organizational Psychology, April 11-13, Houston, TX.
13. *Allen, M.L., *Morrow, P., *Streater, J., Jentsch, F., & **Fiore, S.** (2012). A literature review: Investigating the fundamentals of cognition and communication in humans and animals for application into the development of human-robot interactions in a team setting. *Presented at the 19th International Conference On Comparative Cognition.* March. Melbourne, FL.
14. **Fiore, S. M.**, Smith-Jentsch, K. A., & Salas, E. (2012, April). Macro cognition in teams: Examining processes in complex problem solving. Paper Presented at the 27th Annual Meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
15. Smith-Jentsch, K. A., *Bedwell, W. L., *Sierra, M. J., *Jones, R. P., *Oglesby, J. M., **Fiore, S. M.**, & Salas, E. (2012, April). Entrainment at the extremes: Understanding adaptation needs of astronaut crews. Paper Presented at the 27th Annual Meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
16. **Fiore, S. M.**, Smith-Jentsch, K. A. & Salas, E. (2011, April). Macro cognition in Teams: Developing Theory to Examine Complex Collaborative Cognition. Paper Presented at the 26th Annual Meeting of the Society for Industrial and Organizational Psychology, Chicago, IL.
17. **Fiore, S. M.** (2010, July). Current and emerging issues in team working: Macro cognition in Teams. *3rd International Conference on Applied Human Factors and Ergonomics AHFE2010*, Miami, Florida, USA, 17-20 July.
18. **Fiore, S. M.** & *Pavlas, D. (2010, July). Understanding Linkages Between Brain-Body-Environment in Unmanned Systems Research. *3rd International Conference on Applied Human Factors and Ergonomics AHFE2010*, Miami, Florida, USA, 17-20 July.
19. **Fiore, S. M.**, *Sellers, B., & *Phillips, E. (2010, October). Exploring the Use of Film to Inform and Persuade in the Area of Environmental Ethics. Florida Gulf Coast University's Center for Environment and Sustainability 2nd International Humanities and Sustainability Conference.
20. **Fiore, S. M.**, Wirth, J., McDaniel, R., & Stanlick, N. (2008). Somatics and Simulation: Bridging the Body and the Brain to Understand Ethics Education. Paper presented at *Bodies in Motion: Explorations in Perception and Performance, Center for Body, Mind, and Culture*, at Florida Atlantic University, Boca Raton, Florida, December 2008.
21. McDaniel, R., **Fiore, S.M.**, & Stanlick, N. (2008). Using Game-Based Technologies for Teaching Ethics. Paper presented at the *8th International Multimedia Educational Resource for Learning and Online Teaching (MERLOT)* conference in Minneapolis, MI. August 9, 2008.
22. McDaniel, R., **Fiore, S.M.**, Underberg, N., Tripp, M., Kitalong, K., & Moshell, J.M. (2008). Designing Usable Learning Games for the Humanities: Five Research Dimensions. Paper presented at the *2008 Digital Humanities Conference* in Oulu, Finland. June 26, 2008. International conference.
23. Tripp, M., McDaniel, R., Underberg, N., Kitalong, K. & **Fiore, S.M.** (2008). Knight's Quest: A Video Game to Explore Gender and Culture in Chaucer's England. Poster presented at the *2008 Digital Humanities Conference* in Oulu, Finland. June 26, 2008.
24. *Cuevas, H. M., Strater, L., Caldwell, B. S., & **Fiore, S. M.** (2007). Team Cognition in Human-Automation Teams. *Poster Presented at the 8th International Conference on Naturalistic Decision Making.* June, Pacific Grove, CA.
25. **Fiore, S. M.** (2007). Macro cognition in teams: Applying cognitive psychology to support our understanding of complex collaborative processes. Presented at the VII Biennial Meeting of the Society for Applied Research in Memory and Cognition (SARMAC). July, Lewiston, Maine.

26. **Fiore, S. M.** (2007). (An Academic's Perspective on) Obtaining Federal Funding. Presented at the 2nd Annual Meeting of the Interdisciplinary Network for Group Research. July, East Lansing, MI.
27. **Fiore, S. M.** & Gallagher, S. (2007). Adding an Understanding of Teams to Better Understand Social Neuroscience. Paper presented at the First BASIC Workshop: Subjectivity, Intersubjectivity and Self-representation. May, Comwell Borupgaard, Denmark.
28. McDaniel, R., **Fiore, S.**, *Greenwood-Ericksen, A., *Scielzo, S., & Cannon-Bowes, J. (2006). Video Games as Learning Tools for Project Management. Paper presented at the *International Digital Media Association Annual Conference*, April, Miami, OH.
29. **Fiore, S. M.**, Jentsch, F., & *Scielzo, S. (2003, November). Stimulus competition during perceptual learning: Training and aptitude considerations in the X-Ray security screening process. Poster presented at 44th Annual Meeting of the Psychonomic Society, Vancouver, BC.
30. **Fiore, S.M.**, & Hoffman, R. R., (2003, May). Naturalistic decision making and the practice of science in Homeland Security research. Poster presented at the 6th International Conference on Naturalistic Decision Making, Pensacola, FL.
31. Herrmann, D. J., Gruneberg, M. M., **Fiore, S. M.**, Schooler, J. W., & Torres, R. (2002, February). Accuracy of Reports of Memory Failures and their causes: Why Memory Fails in Everyday Life. Paper presented at the International Conference on Memory, Tsukuba, Japan.
32. **Fiore, S. M.**, Kring, J. P., Jentsch, F., & Salas, E. (2001, August). Shared mental model theory and the group dynamics of teams in extreme environments. Paper presented at the Fourth International Mars Society Convention, Stanford University.
33. **Fiore, S. M.**, Schooler, J. W., Linville, P. A., & Hasher, L. (2001, October). The creative costs and benefits of inhibition. Poster presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, Florida.
34. **Fiore, S. M.** (1999). (Chair). Cognition and the Small Group: Inter- and Intra-individual Cognitive Processes in Group Problem Solving and Decision Making. Symposium presented at the 3rd Biennial Meeting of The Society for Applied Research in Memory and Cognition, Boulder, Colorado
35. **Fiore, S. M.** & Schooler, J. W. (1999). *How Did You Get Here From There: Verbal overshadowing of Macro-Spatial Memory*. Paper presented at the 3rd Biennial Meeting of The Society for Applied Research in Memory and Cognition, Boulder, Colorado.
36. **Fiore, S. M.** & Schooler, J. W. (1999). *Problem space and group problem solving*. In **S. M. Fiore** (Chair), Cognition and the small group: Inter- and intra-individual cognitive processes in group problem solving and decision making. Symposium presented at the 3rd Biennial Meeting of The Society for Applied Research in Memory and Cognition, Boulder, Colorado.
37. **Fiore, S. M.**, Ferketish, B.J., Schooler, J.W., McConnell, K. (1998). *Why process mapping works: A cognitive componential analysis of the systems approach to problem identification in teams*. Paper presented at the 24th International Congress of Applied Psychology, San Francisco, California.
38. **Fiore, S. M.** & Schooler, J.W. (1997). *Differential influence of task type on problem solving by groups and individuals*. Paper presented at the 2nd Biennial Meeting of the Society for Applied Research in Memory and Cognition - Toronto, Canada.
39. **Fiore, S. M.**, Schooler, J.W., Whiteside, D., & Herrmann, D.J. (1997). *Perceived contributions of cues and mental states to prospective and retrospective memory failures*. Paper presented at the 2nd Biennial Meeting of the Society for Applied Research in Memory and Cognition - Toronto, Canada.
40. Schooler, J.W., **Fiore, S. M.**, Melcher, J., & Ambadar, Z. (1996). *Verbal overshadowing and the "Just Know/Reason" distinction*. Paper presented at the Annual Meeting of the Psychonomic Society - Chicago, IL.
41. Schooler, J.W. & **Fiore, S. M.** (1995). *Toeing the middle line: Arguments for the existence of both recovered and fabricated memories of sexual abuse*. Paper presented at the Annual Meeting of the Psychonomic Society - Los Angeles, CA.
42. **Fiore, S. M.**, Herrmann, D.J., & Schooler, J.W. (1994). *Memory failures of memory experts and non-experts*. Poster presented at the Third Practical Aspects of Memory Conference - College Park, MD.

Presented at National Conferences (without published proceedings)

1. **Fiore, S.M.** (2015). Supporting Team Science by Coordinating Cognition across Levels of Analysis. In “Fostering Transdisciplinary Science to Meet 21st Century Challenges”, Symposium to be presented at the Annual Meeting of the Ecological Society of America, August 9-14, Baltimore, MD.
2. *Bockelman Morrow, P., & **Fiore, S.M.** (2012). Team Science and Training the Next Generation of Team Scientists. Presented at the Annual Meeting of the American Psychological Association. Orlando, FL.
3. DeChurch, L., *Carter, D., *Asencio-Hodge, R., **Fiore, S.M.**, Contractor, N., & Zaccaro, S. (2012). Bridging boundaries towards collaborative team science. Panel presented at the 7th Annual Meeting of the Interdisciplinary Network for Group Research, Chicago, IL.
4. **Fiore, S. M.** (2012). Psychology and its Import to Team Science. Presented at the 120th Annual Convention of the American Psychological Association. August, Orlando, FL.
5. **Fiore, S. M.**, De Jong, J., Dillenburgh, P., Foltz, P., Graesser, A., & Rosen, Y. (2012). Complex Interdisciplinary Collaboration to Assess Collaborative Problem Solving Skills Across the Globe. Presented at the 7th Annual Meeting of the Interdisciplinary Network for Group Research, Chicago, IL.
6. **Fiore, S. M.** & *Rosen, M. A. (2012). Do You See What I See: Understanding External Cognition in Scientific Collaborations. Presented at the 3rd Annual Science of Team Science Conference. April, Chicago, IL.
7. *Sellers, B.C., **Fiore, S.M.**, & *Phillips, B. (2012). Examining the Influence of Individual Time Perspective and Narrative Film on Environmental Attitude Change. Presented at the 120th Annual Convention of the American Psychological Association. August, Orlando, FL.
8. *Shuffler, M., Burke, C. S., **Fiore, S. M.**, & Salas, E. (2012). Where’s the boss? The influence of geographic distribution, virtual tools, and team composition on team leadership emergence. Presented at the 7th Annual Meeting of the Interdisciplinary Network for Group Research, Chicago, IL.
9. **Fiore, S. M.** (2011). Cohesion, Cooperation, and Conflict: Examining Complex Attitudes in Science Teams. Presented at the 2nd Annual Science of Team Science Conference. April, Chicago, IL.
10. **Fiore, S. M.** & Bedwell, W. (2011). Team Science Needs Teamwork Training. Presented at the 2nd Annual Science of Team Science Conference. April, Chicago, IL.
11. **Fiore, S. M.** (2011). Extreme Teams: What’s the Difference? In W. L. Bedwell & A. S. Dietz (Co-Chairs) (2011). Extreme teams: Is a paradigm shift required? Panel presentation at the 55th Annual Meeting of the Human Factors and Ergonomics Society. Las Vegas, NV.
12. Hoffman, R., **Fiore, S.**, Andrews, D., Goldberg, S., Andre, T., Freeman, J., Fletcher, J., Klein, G. (2010). Accelerated learning: prospects, issues, and applications. In R. Hoffman (Chair), Panel presentation at the 54th Annual Meeting of the Human Factors and Ergonomics Society, San Francisco, CA, 27 September - 1 October, 2010.
13. Keeton, K. E., Orasanu, J. M., **Fiore, S. M.**, Kring, J. P., & Bradshaw, J. S. (2010). Distributed teams and distributed memory. In S. Weaver and E. Salas (Chairs), Training and Measurement at the Extremes: Developing and Sustaining Expert Team Performance in Isolated, Confined, Extreme Environments, Panel presentation at the 54th Annual Meeting of the Human Factors and Ergonomics Society, San Francisco, CA, 27 September - 1 October, 2010.
14. **Fiore, S. M.** (2010). The Embodied, Enactive, and Embedded Qualities of Unmanned Systems. *Presented at the 2010 Military Modeling and Simulation Symposium (MMS’10)*, Orlando, FL.
15. **Fiore, S. M.** & Keyton, J. (2009, July). Applying the Science of Teams to Inform Policy and Research on Team Science. Presented at the 4th Annual Meeting of the Interdisciplinary Network for Group Research, Colorado Springs, CO.
16. **Fiore, S.** & *Lazzara, E. H. (Chairs) (2009, October) Managing Trust in Swiftly Starting Action Teams. *Symposium conducted at the Human Factors and Ergonomics Society’s 53rd Annual Meeting*, San Antonio, Texas.

17. Nicholson, D., **Fiore, S. M.**, Vogel-Walcutt, J.J., & Schatz, S. (2009). Advancing the science of training in simulation-based training. *Symposium presented at the 53rd Annual Meeting of the Human Factors and Ergonomics Society*, San Antonio, TX.
18. *Wildman, J. L., **Fiore, S. M.**, & Salas, E. (2009, July). Trust versus distrust: Separate constructs or ends of a continuum? Poster presented at the 4th annual meeting of the *Interdisciplinary Network for Group Research*, Colorado Springs, CO. (**Best Poster Award, Interdisciplinary Network for Group Research, 2009**).
19. *Wildman, J. L., *Shuffler, M., **Fiore, S. M.**, *Rosen, M., & Salas, E. (2009, July). Toward a model of trust development in swiftly starting action teams. *Paper presented 4th annual meeting of the Interdisciplinary Network for Group Research*, Colorado Springs, CO.
20. *Xavier, L., *Wildman, J., Musaeus, P., **Fiore, S. M.**, *Porter, M., & Salas, E. (2009, July). Toward a model of trust development in teams. Poster presented at the 4th annual meeting of the *Interdisciplinary Network for Group Research*, Colorado Springs, CO.
21. *Elias, J. & **Fiore, S. M.** (2008). From Psychology, to Neuroscience, to Robots: An Interdisciplinary Approach to Bio-Inspired Robotics. *Presented at the 20th Annual Convention of the American Psychological Society*, May, Chicago, IL.
22. **Fiore, S. M.** (2008). Applying the Science of Teams to Inform Team Science. Panel presented at the 3rd Annual Meeting of the *Interdisciplinary Network for Group Research*, Kansas City, MO.
23. McDaniel, R., **Fiore, S.M.**, & Mundy, C. (2008). Game Based Technologies for Teaching in the Humanities. Presentation to the *African American History and Genealogical Society*. Orlando, FL. May 3, 2008.
24. *Weaver, S., *Bedwell, W. L., **Fiore, S. M.**, & Salas, E. (2008). Distributed Teams: The Impact of Technology-Mediated interaction on Team Motivation. Presented at Annual Midyear Meeting of APA Division 21 and 19. March, Fairfax, VA.
25. **Fiore, S. M.**, Harrison, G. W., Hughes, C. E., Rutström, E. E. (2007). Virtual Experiments and Environmental Policy. Paper presented at the *Resources for the Future and Environmental Protection Agency Frontiers of Environmental Economics Conference*. February, Washington, DC.
26. **Fiore, S.M.**, McDaniel, R., Whitten, S., & Shoff, H. (2007). Narrative and Neuroscience – Part I: Cognitive Science and Understanding Narrative Processes. Paper presented at the *From the Brain to Human Culture: Intersections between the Humanities and Neuroscience Conference*. April, Lewisburg, PA.
27. McDaniel, R., & **Fiore, S.M.** (2007). How Can a Common Shared Narrative Facilitate Teamness? Paper presented at the 115th Annual American Psychological Association Conference, Panel entitled Being an "Us" Instead of a "Them": Facilitating Teamness. August, San Francisco, CA.
28. McDaniel, R., **Fiore, S.M.**, Whitten, S., & Shoff, H. (2007). Narrative and Neuroscience – Part II: Using Narratology to Augment Cognitive Science. Paper presented at the *From the Brain to Human Culture: Intersections between the Humanities and Neuroscience Conference*. April, Lewisburg, PA.
29. *Rosen, M. A., **Fiore, S. M.**, & Salas, E. (2007). The case for relational measurement of culture in team problem solving. Presented at Annual Midyear Meeting of APA Division 21 and 19. March, Fairfax, VA.
30. *Rosen, M., *Lazzara, E., **Fiore, S. M.**, & Salas, E. (2007). Team problem solving tasks: A conceptual review and integration. Presented at the 2nd Annual Meeting of the *Interdisciplinary Network for Group Research*. July, East Lansing, MI.
31. *Sims, D., *Rosen, M., Salas, E., & **Fiore, S. M.** (2007). *Macrocognition: How dense are our teams?* Presented at the 2nd Annual Meeting of the *Interdisciplinary Network for Group Research*. July, East Lansing, MI.
32. **Fiore, S. M.**, Burke, S., Jentsch, F., & Salas, E. (2006). Toward an Understanding of the Macro-Cognitive Processes in Complex Team Problem Solving. *Presentation to the Office of Naval Research Annual Meeting of the Collaboration and Knowledge Interoperability Program*. January, Massachusetts Institute of Technology, Boston, MA.
33. **Fiore, S. M.** & McDaniel, R. (2006). Building Narrative Theory for Distributed Teams. Paper presented at the 1st Annual Meeting of the *Interdisciplinary Network for Group Research*, Pittsburgh, PA.
34. *Rosen, M., **Fiore, S. M.**, Salas, E. (2006). The Memetics of Team Problem Solving. Poster presented at the 1st Annual Meeting of the *Interdisciplinary Network for Group Research*, August, Pittsburgh, PA.

35. *Cuevas, H. M., Cannon-Bowers, J. & **Fiore, S. M.** (2004, July). Creating dynamic learning experiences in students via virtual field trips. In C. A. Bowers (chair), *Promoting education within synthetic learning environments*. Symposium at the 112th Annual Convention of the American Psychological Association, Honolulu, Hawaii.
36. **Fiore, S. M.**, Condly, S., Martin, G., & Cortes, A. (2004, July). Simulation Tools to Support Knowledge Acquisition and Integration for Algebra. In C. A. Bowers (chair), *Promoting education within synthetic learning environments*. Symposium presented at the 112th Annual Convention of the American Psychological Association, Honolulu, Hawaii.
37. *Cuevas, H. M., **Fiore, S. M.**, Bowers, C. A., & Salas, E. (2003, August). Fostering constructive cognitive and metacognitive activity in computer-based training environments. In H. Emurian (chair), *Multidisciplinary perspectives on human-computer interaction*. Symposium presented at the 111th Annual Convention of the American Psychological Association, Toronto, Canada.
38. **Fiore, S.M.**, Condly, S., Yonekura, F., & Johnston, S. (2003, December). Asynchronous learning and the learning sciences. Tutorial Presented at the 25th Annual I/ITSEC Conference. Orlando, FL.
39. **Fiore, S.M.**, Condly, S., Yonekura, F., & Johnston, S. (2003, November). Asynchronous learning and the learning sciences. Panel presented at the 9th Annual Sloan-C Conference on Asynchronous Learning. November, Orlando, FL.
40. *Scielzo, S., **Fiore, S. M.**, & *Cuevas, H. M. (2003, August). Impact of multimedia on knowledge performance for complex training environments. Paper presented at the 111th Annual Convention of the American Psychological Association, Toronto, Canada.
41. Burke, C. S., **Fiore, S. M.**, & Salas, E. (2002, August). The role of shared cognition in enabling shared leadership and team adaptability. Paper presented at the 62nd Annual Meeting of the Academy of Management, Denver, Colorado.
42. *Scielzo, S., **Fiore, S. M.**, & *Cuevas, H. M. (2002, August). Impact of multimedia presentation on knowledge acquisition for complex systems. Poster presented at the 110th Annual Convention of the American Psychological Association, Chicago, Illinois.
43. *Scielzo, S., **Fiore, S. M.**, Samman, S. N., *Cuevas, H. M., Bowers, C. A., & Salas, E. (2002, August). Effects of multimedia on knowledge acquisition. Paper presented at the 110th Annual Convention of the American Psychological Association, Chicago, Illinois.
44. *Kosarzycki, M. P., Salas, E., Burke, S., & **Fiore, S. M.** (2002, April). Emerging Themes in Distance Learning: Some Food for Thought. Poster presented at the 17th Annual Conference of the Society for Industrial and Organizational Psychology, Toronto, Canada.
45. *Kring, J. P., **Fiore, S. M.**, & Salas, E. (2002, April). Russian-US cooperation in space: Historical insight and future challenges. Paper presented at the 39th Space Congress, Cape Canaveral, FL.
46. *Kosarzycki, M. P., Salas, E., & **Fiore, S. M.** (2002, March). Distance Learning: Research-based Guidelines for Delivering Learning. Poster presented at the 23rd Annual Industrial and Organizational Behavior Graduate Student Conference, Tampa, Florida.
47. **Fiore, S. M.**, Schooler, J. W., Linville, P. A., & Hasher, L. (2001, October). The creative costs and benefits of inhibition. Poster presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, Florida.
48. Schooler, J. W., **Fiore, S. M.**, & Linville, P. (2001, October). The Role of Inhibition in Creativity. Paper presented at the Annual Meeting of the Society of Experimental and Social Psychology, Spokane, Washington.
49. **Fiore, S. M.** (2001, April). (Chair). *Cognition and cognitive technology: Maximizing "multi-modality" when implementing "multi-media" training*. Symposium at the 16th annual meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
50. **Fiore, S. M.**, *Cuevas, H. M., & Oser, R. L. (2001, April). A Picture is Worth a Thousand Connections: The Facilitative Effects of Diagrams on Task Performance and Mental Model Development. In **S. M. Fiore** (Chair), *Cognition and cognitive technology: Maximizing "multi-modality" when implementing "multi-media" training*. Symposium at the 16th annual meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.

51. Schooler, J. W., **Fiore, S. M.**, & Linville, P. (2001, October). The Many Processes that Underlie Creative Performance. Paper presented at the Annual Meeting of the Society of Experimental and Social Psychology, Spokane, Washington.
52. Schooler, J. W., **Fiore, S. M.**, & Linville, P. (2001, October). The Role of Inhibition in Creativity. Paper presented at the Annual Meeting of the Society of Experimental and Social Psychology, Spokane, Washington.
53. **Fiore, S. M.** (2001, April). (Chair). *Cognition and cognitive technology: Maximizing "multi-modality" when implementing "multi-media" training*. Symposium at the 16th annual meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
54. **Fiore, S. M.**, *Cuevas, H. M., & Oser, R. L. (2001, April). A Picture is Worth a Thousand Connections: The Facilitative Effects of Diagrams on Task Performance and Mental Model Development. In **S. M. Fiore** (Chair), *Cognition and cognitive technology: Maximizing "multi-modality" when implementing "multi-media" training*. Symposium at the 16th annual meeting of the Society for Industrial and Organizational Psychology, San Diego, CA.
55. Schooler, J. W., **Fiore, S. M.**, & Linville, P. (2001, October). The Many Processes that Underlie Creative Performance. Paper presented at the Annual Meeting of the Society of Experimental and Social Psychology, Spokane, Washington.
56. **Fiore, S. M.**, Jentsch, F., Oser, R., & Cannon-Bowers, J. A. (2000). Perceptual and conceptual processing in expert/novice cue pattern recognition. In J. A. Cannon-Bowers (Chair), *The cognitive basis of training*. Symposium at the 15th annual meeting of the Society for Industrial and Organizational Psychology, New Orleans, LA.
57. **Fiore, S. M.**, Salas, E., & Cannon-Bowers, J. A. (2000). Person perception and shared mental models: An old idea with a new influence. In E. Salas (Chair), *Approaches to team cognition: Divergent or convergent methods on defining a construct?* Symposium at the 12th annual meeting of the American Psychological Society, Miami, FL.
58. **Fiore, S. M.**, Eisengart, S.A., & Schooler, J.W. (1995). *As the crow flies: Verbalization can disrupt Euclidean distance estimations*. Poster presented at the Annual Convention of the American Psychological Society - New York, NY.
59. **Fiore, S. M.** & Schooler, J.W. (1995). *Hemispheric asymmetry in priming on insight problems: Right-hemisphere involvement in the creative leap*. Poster presented at the Creative Concepts Conference - Texas A&M University.
60. **Fiore, S. M.** (1992). *The complexity of disclaimers in children's television advertisements*. Poster presented at the Fourth Annual Convention of the American Psychological Society - San Diego, CA.

Presented at Regional Conferences (without published proceedings)

1. **Fiore, S.M.** (2003, March). Team opacity in distributed teams. Paper presented at the meeting of the Southeastern Psychological Society. New Orleans, LA.
2. **Fiore, S.M.**, Hoffman, R. R., & Rubinstein, J. (2003, March). Use-inspired basic research and homeland security. Paper presented at the Annual Meeting of the Southeastern Psychological Association. New Orleans, LA.
3. **Fiore, S. M.** (2002, March). Culture and Coordination: The Complex Interaction between Diversity and Team Effectiveness. Paper presented at the Annual Meeting of the Southeastern Psychological Association, Orlando, Florida.

Presented at State and Local Conferences (without published proceedings)

1. **Fiore, S. M.**, McDaniel, R., *Greenwood-Ericksen, A., *Scielzo, S., & Mundy, C. (2006). The Carol Mundy Game. Presentation to the *Annual Meeting of the Florida Folklore Society*, Crealde School of Art, March, Winter Park, FL.

2. **Fiore, S. M.** (1996) *"What is a group to do: The (mostly) costs and (sometimes) benefits of group problem solving."* Paper presented at the 15th Annual Pitt-CMU Conference on Cognition, June, Pittsburgh, PA.

Presented as Service and Public Outreach Locally (without published proceedings)

1. McDaniel, R., **Fiore, S.M.**, & Stanlick, N. (2008). Game Based Technologies for Teaching about Ethics. Presentation to the 2008 Faculty Center for Teaching and Learning Summer Conference, Information Fluency track. Orlando, FL. April 30, 2008
2. McDaniel, R., **Fiore, S.M.**, Underberg, N., Tripp, M., & Telep, P. (2008). Game-Based Learning in the Humanities. The Scholarship of Teaching and Learning (With Video Games!). Keynote presentation for the UCF Scholarship of Teaching and Learning Showcase during UCF Research Week. April 2, 2008.
3. McDaniel, R., **Fiore, S.M.**, Underberg, N., Tripp, M., & Telep, P. (2008). Toward a Scholarship of Teaching and Learning for the Digital Humanities. Presentation for the *UCF Center for Humanities and Digital Research Digital Narrative Group Colloquium*. Orlando, FL. May 7, 2008.
4. **Fiore, S. M.** (2004). *Infusing an Understanding of Cognition into Team Cognition*. Invited talk given to the Department of Philosophy, Cognitive Sciences Program Colloquia Series, University of Central Florida, April, Orlando, Florida.
5. **Fiore, S. M.**, *Cuevas, H. M., *Scielzo, S., & Salas, E. (2004). *Learning and Awareness and Learning about Awareness in Complex Task Training*. Presented to the Institution for Simulation and Training Brown Bag Series. April, Orlando, Florida.
6. **Fiore, S. M.** & Salas, E. (2004). *Towards a science of expertise for expert teams*. Invited guest lecture presented to the Department of Psychology, Florida State University. March 2004 Tallahassee, Florida.
7. *Cuevas, H. M., **Fiore, S. M.**, Bowers, C. A., & Salas, E. (2004). Supporting learners' cognitive and metacognitive processes in computer-based training environments. Paper presented at the University of Central Florida Inaugural Graduate Research Forum, March, Orlando, Florida.
8. **Fiore, S. M.** (2003). A Sampling of Science. Invited talk given to the Department of Philosophy, Cognitive Sciences Group. September, Orlando, FL.
9. **Fiore, S. M.** (2003). Metacognitive Bias in Complex Task Training. Invited talk given to the College of Education, Cognitive Sciences Group. April, Orlando, FL.
10. **Fiore, S. M.**, Jentsch, F., Bowers, C.A., & Salas, E. (2003). Learning Macro-Spatial Knowledge in a Distributed Geographical Information System. Presented to the FBI Executive Institute, National Center for Forensic Science. July, Orlando, FL.
11. **Fiore, S. M.** (2002). Experts and expertise: The implications of cognitive science for aviation security research. Invited talk given to the "Institute for Simulation and Training, Modeling and Simulation Program." June, Orlando, FL.
12. **Fiore, S.M.**, *Cuevas, H.M., *Upham-Ellis, L., *Fincannon, T., & Cannon-Bowers, J.A. (2007). Synthetic Learning Environments and the Learning Sciences. Invited talk given at the simCAMP Meeting for the Florida High Tech Corridor Council, TechPath Educational Initiatives. December, Orlando, Florida.
13. **Fiore, S.M.**, *Cuevas, H.M., *Upham-Ellis, L., *Fincannon, T., & Cannon-Bowers, J.A. (2006). Synthetic Learning Environments and the Learning Sciences. Invited talk given at the simCAMP Meeting for the Florida High Tech Corridor Council, TechPath Educational Initiatives. December, Orlando, Florida.
14. **Fiore, S.M.**, *Cuevas, H.M., *Upham-Ellis, L., *Fincannon, T., & Cannon-Bowers, J.A. (2005). Synthetic Learning Environments and the Learning Sciences. Invited talk given at the simCAMP Meeting for the Florida High Tech Corridor Council, TechPath Educational Initiatives. March, Orlando, Florida.
15. **Fiore, S.M.**, *Cuevas, H.M., & Cannon-Bowers, J.A. (2003). Synthetic Learning Environments and the Learning Sciences. Invited talk given at the simCAMP Meeting for the Florida High Tech Corridor Council, TechPath Educational Initiatives. Advanced Technology Center, December, Daytona Beach, Florida.

GRANT and CONTRACT AWARDS

Federal Government Proposals Awarded - CURRENT

- **Office of Naval Research.** Interactive Visualization in Support of Decision Making Under Uncertainty. Principal Investigator: **Stephen M. Fiore**, Co-Principal Investigator: Joe Laviola. **\$660,000**. Fall 2015 to Spring 2018.
- **National Science Foundation.** Fundamentals of Team Science and the Science of Team Science. Principal Investigator: **Stephen M. Fiore**. April 2015 to April 2016. **\$49,000**.
- **National Academies of Science.** How do architectural designs affect collective behavior? Principal Investigator: Noa Pinter-Wollman, University of California, San Diego; Co-Principal Investigators, **Stephen M. Fiore**, University of Central Florida, Guy Theraulaz, Research Center on Animal Cognition in Toulouse, France. **\$100,000**. Spring 2015 to Fall 2016.
- **National Aeronautics and Space Administration (NASA), Behavioral Health and Performance Element (BHP).** Dynamic Team Role Allocation in Long Duration, Exploration Missions: Identification of Roles, Triggers, and Measurement Tools. Principal Investigator: Eduardo Salas, Co-Principal Investigator: Shawn Burke, Co-Principal Investigator: **Stephen M. Fiore**. **\$1,200,000**. Fall 2014 to Fall 2017.
- **Army Research Lab and General Dynamics Robotic Systems.** Robotics Collaborative Technology Alliance.
 - Social Cues and Behaviors in Human Robot Collaboration. Principal Investigator: **Stephen M. Fiore**, Co-Principal Investigator: Randall Shumaker. July 2010 to May 2015. **\$206,000 (approximate incremental funding thus far)**.
 - Social Dynamics Modeling and Simulation. Principal Investigator: **Stephen M. Fiore**, Co-Principal Investigator: Ladislau Bologni and Randall Shumaker. July 2010 to May 2015. **\$328,000 (approximate incremental funding thus far)**.
 - Situational Awareness. Principal Investigator: Randall Shumaker. Co-Principal Investigators: Florian Jentsch and **Stephen M. Fiore**. July 2010 to May 2015. **\$174,000 (approximate incremental funding thus far)**.
 - Team Shared Mental Models. Principal Investigator: Randall Shumaker. Co-Principal Investigators: Florian Jentsch and **Stephen M. Fiore**. July 2010 to May 2015. **\$162,000 (approximate incremental funding thus far)**.

Private Foundation Proposals Awarded - CLOSED

- **Sir John Templeton Foundation.** Space, Science and Spirituality: Simulating Awe and Wonder. Principal Investigator: Shaun Gallagher. Co-Principal Investigators: Bruce Janz, Stephanie Lackey, Lauren Reinerman, Garrett Riggs, **Stephen M. Fiore**, and Eileen Smith. September 2011 to October 2013. **\$299,541 (Grant Total)**.

Research Grants – CLOSED

- **National Aeronautics and Space Administration (NASA), Behavioral Health and Performance Element (BHP).** Critical Team Cognitive Processes for Long-Duration Exploration Missions. Principal Investigator: **Stephen M. Fiore**. September 2013 – January 2015. **\$44,000** (\$24,000 external + \$20,000 internal match).
- **National Science Foundation.** Interconnections: Revisiting the Future. Principal Investigator: Lori Walters. Co-Principal Investigators: Michael Moshell, Charles Hughes, **Stephen M. Fiore**, Eileen Smith, Michelle Adams, Darin Hughes, Daniel Mapes. August 2009 to August 2014. **\$1,557,161 (Grant Total)**.
- **National Aeronautics and Space Agency (NASA).** Cohesion Optimization in NASA Spaceflight Teams Experiencing Long-duration Assignment. Principal Investigator: Eduardo Salas. Co-Principal Investigators: Kim Jentsch and Stephen M. Fiore. August 2009 to December 2013. **\$1,200,000 (Grant Total)**.

- **National Science Foundation.** Applying the Science of Teams to Inform Policy and Research on Team Science. Principal Investigator: **Stephen M. Fiore.** September 2009 to August 2011. **\$38,000.**
- **Federal Aviation Administration/Department of Homeland Security.** Training Perceptual Processes for Superior Threat Identification by Airport Security Personnel. Principal Investigator: **Stephen M. Fiore.** Co-Principal Investigators: Florian Jentsch, Clint A. Bowers, and Eduardo Salas. January 2002 to July 2012. **\$2,050,775 (Grant Total).**
- **Army Research Laboratory.** 10th International Conference on Naturalistic Decision Making (NDM). Principal Investigator: **Stephen M. Fiore.** September 2009 to August 2011. **\$25,000.**
- **Army Research Laboratory.** Team Performance in Human-Agent Collaboration. Principal Investigator: **Stephen M. Fiore.** Co-Principal Investigators: Shaun Gallagher. September 2007 to December 2008. **\$100,000.**
- **EthicsGame.** Ethics Game. Principal Investigator: Rudy McDaniel. Co-Principal Investigator: **Stephen M. Fiore.** August 2008 to December 2008. **\$20,000.**
- **National Science Foundation.** Cognition in natural environments: Using simulated scenarios in complex decision making experiments. Principal Investigator: Glenn Harrison. Co-Principal Investigators: John Weishampel, Sumanta Pattanaik, Charles Hughes, **Stephen M. Fiore,** Eduardo Salas, Christopher Stapleton, C. Shawn Burke, and Elisabet Rutstrom. April 2006 to September 2010. **\$647,430.**
- **National Science Foundation.** Theoretical and Conceptual Advances in the Cognitive Neuroscience of Self Representation. Principal Investigator: Shaun Gallagher. Co-Principal Investigators: **Stephen M. Fiore** and Jeffrey Bedwell. September 2006 to December 2009. **\$57,272.**
- **National Science Foundation.** FASE: Florida Alliance for the Study of Expertise. Principal Investigator: Eduardo Salas. Co-Principal Investigator: **Stephen M. Fiore.** November 2003 to March 2007. **\$232,277.**
- **National Science Foundation.** Merging Entertainment and Simulation with Learning Science: The Development of Synthetic Learning Environments. Principal Investigator: Janis A. Cannon-Bowers. Co-Principal Investigator: **Stephen M. Fiore.** November 2003 to November 2005. **\$235,400.**
- **Air Force Office of Scientific Research** (sub-contract through Virtual Reality Medical Center). SBIR Phase I: A Mixed Reality System for Cognitive Rehabilitation of Traumatic Brain Injuries. Principal Investigator: Charles Hughes. Co-Principal Investigators: **Stephen M. Fiore,** Eileen Smith, Cali Fidopiastis, Darin Hughes, Daniel Mapes. May 2007 to March 2008. **\$32,757.**
- **Naval Air Warfare Center Training Systems Division** (sub-contract through JHT Inc.). Integrated Learning Environment. Principal Investigator: Peter Kincaid. Co-Principal Investigator: **Stephen M. Fiore** and Janis A. Cannon-Bowers. April 2004 to December 2004. **\$49,972.**
- **Naval Education and Training Command** (sub-contract through Intelligent Decision Systems, Inc.). Development and Facilitation of Learning Strategies Consortium to Enhance Navy Training & Education. Principal Investigator: Janis A. Cannon-Bowers. Co-Principal Investigator: Clint A. Bowers and **Stephen M. Fiore.** May 2002 to August 2003. **\$150,000.**
- **Office of Naval Research - Cognitive, Neural and Social Science and Technology Division.** Next Generation Expeditionary Warfare Intelligent Training (NEWIT). Principal Investigator: Stephanie Lackey. Co-Principal Investigators: **Stephen M. Fiore** and Timothy Kotnour. **\$7,556,000 (Grant Total).**
- **Office of Naval Research.** Cognition and Collaboration in Network Centric Operations: Understanding & Measuring Macrocognition in Teams. Principal Investigator: Eduardo Salas. Co-Principal Investigators: **Stephen M. Fiore.** C. Shawn Burke, Florian Jentsch, Kimberly Jentsch. March 2006 to September 2012. **\$4,416,665 (Grant Total).**
- **Office of Naval Research.** Toward an Understanding of the Macro-Cognitive Processes in Complex Team Problem Solving. Principal Investigator: **Stephen M. Fiore.** Co-Principal Investigators: C. Shawn Burke, Florian Jentsch, Eduardo Salas. November 2005 to March 2009. **\$325,000.**

- **Air Force Office of Scientific Research.** Integrating Knowledge Acquisition and Measurement Strategies in Adaptive Distributed Training Systems. Principal Investigator: Eduardo Salas. Co-Principal Investigators: **Stephen M. Fiore** and Clint A. Bowers. March 2001 to June 2004. **\$663,518.**
- **STRICOM** (sub-contract through Naval Air Warfare Center). Developing, Testing, and Validating Instructional Models for Advanced Distributed Learning Systems. Principal Investigator: Eduardo Salas. Co-Principal Investigators: **Stephen M. Fiore**, Barbara Truman-Davis, Florian Jentsch, Clint A. Bowers, and Eduardo Salas. May 2002 to August 2003. **\$176,942.**
- **STRICOM** (sub-contract through Naval Air Warfare Center). Research for an Augmented Learning System for the Interpretation of Non-Verbal Clues. Principal Investigator: Florian Jentsch. Co-Principal Investigators: Clint A. Bowers, **Stephen M. Fiore**, and Eduardo Salas. May 2002 to August 2003. **\$75,000.**
- **STRICOM** (sub-contract through Naval Air Warfare Center). Research Investigating the Optimal Sequence for Learning Macro-Spatial Knowledge in a Distributed Geographical Information System. Principal Investigator: **Stephen M. Fiore**. Co-Principal Investigators: Florian Jentsch, Clint A. Bowers, and Eduardo Salas. May 2002 to August 2003. **\$65,000.**
- **STRICOM** (sub-contract through Naval Air Warfare Center). Supporting Knowledge Acquisition Through Enhanced Displays. Principal Investigator: **Stephen M. Fiore**. Co-Principal Investigator: Clint A. Bowers. September 1999 to March 2003. **\$338,750.**

UCF Internal Proposals Awarded - CLOSED

- Music and Brain Function. Principal Investigator, Ayako Yonetani, Co-Principal Investigators, Dr. Stephen M. Fiore, Dr. Kimi Sugaya. CAH Interdisciplinary Research Award. \$10,917. Awarded Fall 2008.
- Complex Music and Neural Stem Cells. Principal Investigator, Ayako Yonetani, Co-Principal Investigators, Dr. Stephen M. Fiore, Dr. Kimi Sugaya. CAH Interdisciplinary Research Award. \$10,718. Awarded Fall 2007.
- The Digital Humanities Exchange: A Multimedia Trading Post for Game-Based Learning in the Humanities. Principal Investigator, Dr. Rudy McDaniel, Co-Principal Investigators, Dr. Karla Kitalong, Dr. Stephen M. Fiore, Dr. Natalie Underberg, and Ms. Mary Tripp. College of Arts and Humanities In-House Awards. \$13,200. Awarded Fall 2007.
- Enhancing Information Fluency Through the Development of Virtual Worlds and the Use of Simulated Scenarios in Synthetic Environments and Video Games. Principal Investigator, Dr. Rudy McDaniel, Co-Principal Investigators, Dr. Stephen M. Fiore, Dr. Nancy Stanlick, and Mr. Erik Vick. UCF Quality Enhancement Plan, Engagement Grant. \$42,500. Awarded Spring 2007.
- Building Usable Games for the Humanities: Engaging Identity, Culture and Community in Virtual Worlds. Principal Investigator, Dr. Rudy McDaniel, Co-Principal Investigators, Ms. Mary Tripp, Dr. Natalie Underberg, Dr. Stephen M. Fiore, Mr. Erik Vick, and Dr. Karla Kitalong. College of Arts and Humanities Dean's Research Initiative Award. \$12,000. Awarded January 2007.
- Implementing and Testing a Humanities Learning Game in Public Schools. Principal Investigator, Dr. Rudy McDaniel, Co-Principal Investigator, Dr. Stephen M. Fiore. Office of Research and Commercialization In-House Grant Award. \$7,500. Awarded January 2007.
- Operational Neuroscience Sensing Suite. UCF Presidential Equipment Grant – Co-Principal Investigator, Nicholson, Fiore, and Jentsch, \$100,000. Awarded January 2006.
- Developing a Story-driven Synthetic Environment Learning Game. In-house Grant, Institute for Simulation and Training – Principal Investigator. Fiore, McDaniel, and Cannon-Bowers, \$5,000, April 2005 to October 2005.

PROFESSIONAL SERVICE

Professional Societies and Organization Involvement

- **President**, Interdisciplinary Network for Group Research - *INGRoup* (2012-present).
- **Committee Member**, National Academy of Science, Consensus Study on the “Science of Team Science (March 2013 – present).
- **Member, Strategic Advisory Board, National Cancer Institute Science of Team Science ToolKit** – 2012 – Present.
- **Member, Editorial Board, National Cancer Institute Science of Team Science ToolKit** – 2012 – Present.
- **Founding Program Committee Member**, Science of Team Science (SciTS) Conference - (2010-present).
- **Committee Chair**, Ethics Center Initiative, Department of Philosophy, University of Central Florida (2006 - Present).
- **Member**, Scientific Advisory Board, Aptima Inc. (2010-2013).
- **Program and Conference Chair**, 10th International Conference on Naturalistic Decision Making, Orlando (2011).
- **Founding Board Member**, College Educators for Veterans Higher Education (2009-2011).
- **Founding Board Member**, Interdisciplinary Network for Group Research - *INGRoup* (2008-2011).
- **Training Technical Group Secretary** for *Human Factors and Ergonomics Society* (2005-2007).
- **Training Technical Group Program Chair** for *Human Factors and Ergonomics Society* Annual Meeting (2003-2005).
- **Training Technical Group Newsletter Editor** for *Human Factors and Ergonomics Society* (2004-2006).
- **Creator of Small Grant Program for Graduate Students** in the *Cognitive Engineering and Decision Making Technical Group* of the Human Factors and Ergonomic Society, 2005.
- **Creator of Small Grant Program for Graduate Students** in the *Training Technical Group* of the Human Factors and Ergonomic Society, 2005.
- **Committee Chair**, Institute for Simulation and Training Strategic Planning Committee (2003-2004).
- **Creator and Co-organizer** of Institute for Simulation and Training Brown Bag Presentation Series (2003 – 2004, 2009-2014).
- **Past-President**, American Psychological Society *Student Caucus*, Washington, D.C. 1995-1996.
- **President**, American Psychological Society *Student Caucus*, Direct Report to American Psychological Society Executive Council, Washington, D.C. 1994-1995.
- **Student Notebook Editor**, *American Psychological Society Observer*, 1993-1994.

Editorial and Scientific Review Responsibilities

Editor of Journal

- 2008 – Present. Editor *Cognitive Technology*

Associate Editor

- 2010 – 2014. Associate Editor *Human Factors*

Editorial Boards

- 2014 – Present. Editorial Board of *Theoretical Issues in Ergonomic Science*
- 2010 – 2014. Editorial Board of the *Journal of Applied Psychology*
- 2004 – 2009. Editorial Board of the journal *Human Factors*
- 2004 – 2008. Editorial Board of *Cognitive Technology*

Ad Hoc Journal Reviewer

- *Analyses of Social Issues and Public Policy*
- *Applied Cognitive Psychology*
- *Cognitive Science*

- *Ergonomics*
- *European Journal of Cognitive Psychology*
- *Field Methods (formerly Cultural Anthropology Methods)*
- *Group Processes and Intergroup Relations*
- *Human Computer Interaction*
- *Human Factors Journal*
- *Human Relations*
- *IEEE Transactions on Systems, Man, and Cybernetics*
- *IEEE Transactions on Human-Machine Systems*
- *Information Systems Management*
- *International Journal of Human Computer Studies*
- *Journal of Applied Psychology*
- *Journal of Applied Sports Psychology*
- *Journal of Cognitive Engineering and Decision Making*
- *Journal of Engineering Education*
- *Journal of Experimental Psychology: Applied*
- *Journal of Organizational Behavior*
- *Journal of Sport and Exercise Psychology*
- *Learning and Instruction*
- *Organizational Behavior and Human Decision Processes*
- *Personality and Social Psychology Bulletin*
- *Public Management Review*
- *Science Translational Medicine*
- *Small Group Research*
- *Thinking and Reasoning*

External Reviewer

- Air Force Office of Scientific Research (External Scientific Review Board)
- Air Force Office of Scientific Research (Grant Proposal Reviewer)
- Army Research Lab-HRED Publications
- Fonds National de la Recherche, Aides à la Formation-Recherche, Luxembourg (Dissertation Proposal Reviewer)
- National Science Foundation (Faculty Early Career Development Grant Reviewer)
- National Science Foundation (Grant Proposal Reviewer, Multiple Programs and Divisions)
- National Science Foundation (Science and Technology Centers Panel Reviewer)
- Netherlands Organisation for Scientific Research (NWO), Department of Social Sciences, Research Talent 2012 (Dissertation Proposal Reviewer)
- Transportation Security Administration (Grant Proposal Reviewer)

TEACHING

Courses Taught

University of Central Florida – Graduate Courses

- Topics in Cognitive Science
- Research Methods in Cognitive Science
- Current Topics in I/O Psychology
- Human Factors III
- Organizational Behavior

University of Central Florida – Undergraduate Courses

- Cognitive Science (Undergraduate Honors Course)
- Cognitive Psychology Lecture
- Industrial Psychology
- Industrial/Organizational Psychology
- Research Methods Lab and Lecture

University of Pittsburgh – Undergraduate Courses

- Cognitive Psychology Lecture
- Cognitive Psychology Laboratory
- Introduction to Psychology (recitation sections)
- Social Psychology

Course Development and Teaching Awards

- ❖ Burnett Honors College, University of Central Florida, Interdisciplinary Course Development Grant Award, 2010 – Ethics, Society and Technology: Preparing for our Cyborg Future
- ❖ Burnett Honors College, University of Central Florida, Interdisciplinary Course Development Grant Award, 2008 – Narrative and Cognitive Science (approved but never taught)
- ❖ Faculty Center for Teaching and Learning, University of Central Florida, Course Development Grant Award, 2007
- ❖ Burnett Honors College, University of Central Florida, Interdisciplinary Course Development Grant Award, 2006 – Introduction to Cognitive Science
- ❖ Faculty Center for Teaching and Learning, University of Central Florida, Course Development Grant Award, 2002
- ❖ Cognitive Program Award for Excellence in Teaching: University of Pittsburgh, June 1996

DISSERTATION, MASTERS, AND HONORS THESES

DISSERTATION COMMITTEES – CHAIR OR CO-CHAIR

Brittany Sellers, Applied Experimental and Human Factors Psychology Program

In Progress - Co-chair of Dissertation Committee (Note, I am adviser for Ms. Sellers, but I am designated as “Co-Chair” of dissertation because I do not have a primary appointment with the Psychology program)

Investigating the Influence of the Built Environment on Energy-Saving Behaviors

Travis Wiltshire, Modeling and Simulation Program

2015 – Chair of Dissertation Committee

Team Interaction Dynamics During Collaborative Problem Solving

Sandro Scielzo, Applied Experimental and Human Factors Psychology Program

2008 - Co-chair of Dissertation Committee (Note, I was adviser for Mr. Scielzo, but I was designated as “Co-Chair” of dissertation because I did not have a primary appointment with the Psychology program)

A Two-Stage Model of Multimedia Learning: Implications for Multimedia Design

Haydee M. Cuevas, Applied Experimental and Human Factors Psychology Program

2004 - Co-chair of Dissertation Committee (Note, I was adviser for Ms. Cuevas, but I was designated as “Co-Chair” of dissertation because I did not have a primary appointment with the Psychology program)

Transforming Learning into a Constructive Cognitive and Metacognitive Activity: Use of a guided Learner-Generated Instructional Strategy within Computer-Based Training

Daniel Mayes, Applied Experimental and Human Factors Psychology Program

2003 - Co-chair of Dissertation Committee

Effects of Simulation Fidelity and Control Usability on Strategy Development and Execution

MASTERS COMMITTEES – CHAIR

Tshilba Verite, Interdisciplinary Masters Program, Liberal Studies

2014, Committee Chair, Non-Thesis Track

William Buchanan, Interdisciplinary Masters Program, Liberal Studies

2013, Committee Chair

The Phenomenological Experience of Narrative Transportation

Said Jardaneh, Interdisciplinary Masters Program, Liberal Studies

2010, Committee Chair

An exploration of the potentials and limitations of adapting traditional text-based narrative and interactive technology

DISSERTATION COMMITTEES – COMMITTEE MEMBER

Applied Experimental and Human Factors Psychology Program

Davin Pavlas - Applied Experimental and Human Factors Psychology Program

2010 – Committee Member

A Model of Flow in Game-based Learning: The Impact of Game Characteristics, Player Traits, and Player States

Meredith Carroll, Applied Experimental and Human Factors Psychology Program

2010 – Committee Member

Evaluation of the Effectiveness of Eye-tracking-based Search Performance Diagnosis and Feedback

Michael Rosen, Applied Experimental and Human Factors Psychology Program

2009 – Committee Member

Collaborative Problem Solving: The Role of Team Knowledge Building Processes and External Representations

Heather Walker Priest, Applied Experimental and Human Factors Psychology Program

2008 – Committee Member

The influence of cultural diversity on initial decisions to trust in newly forming teams: A policy capturing approach

Adams Greenwood-Eriksen, Applied Experimental and Human Factors Psychology Program

2008 – Committee Member

Learning African-American History in a Synthetic Learning Environment

Amy E. Bolton, Applied Experimental and Human Factors Psychology Program

2006 – Committee Member

Immediate versus Delayed Feedback in Simulation-based Training: Matching Feedback Delivery timing to the Cognitive Demands of the Training Exercise

Laura Milham, Applied Experimental and Human Factors Psychology Program

2005 – Committee Member

Investigating the effects of 3-D Spatialized Auditory Cues on the Development of Situation Awareness for Teams

Matthew Hilscher, Applied Experimental and Human Factors Psychology Program

2005 – Committee Member

Performance Implications of Alternative Color-Codes in Airport X-ray Baggage Screening

Eleni Daskarolis Kring, Applied Experimental and Human Factors Psychology Program

2004 – Committee Member

Improving Metacomprehension and Learning through Graduated Concept Model Development

Clinical Psychology Program

Andrew W. Deptula, Clinical Psychology Program

2015– Outside Committee Member

Declarative Memory, Theory of Mind, and Community Functioning in Schizophrenia

Matt Alderson, Clinical Psychology Program

2007 – Outside Committee Member

Stop-Signal Behavioral Inhibition: Is Mean Reaction Time Contaminated by Exposure?

Computer Science and Engineering Programs

Eric O. Sola, Industrial Engineering Program

In Progress – Outside Committee Member

Experimental Investigation of the Effects of Short- Versus Long-term Creativity Training on the Innovation Potential of Undergraduate Engineering Students

Taranjeet Singh Bhatia, Computer Science Program
2016 – Outside Committee Member
Quantitative Framework for Social Cultural Interactions

Saad Ahmad Khan, Computer Science Program
2015 – Outside Committee Member
Towards Improving Human-Robot Interaction For Social Robots

Asaad Hakeem, Computer Science Program
2007 – Outside Committee Member
Learning, Detection, Representation, Indexing and Retrieval of Multi-Agent Events in Videos

Education and Human Development

Gaetano Lotrecchiano, George Washington University
2012 – External Committee Member
Social Mechanisms of Team Science: A Descriptive Case Study Using a Multilevel Systems Perspective Employing Reciprocating Structuration Theory

Industrial/Organizational Psychology Program

Wendy Bedwell, Industrial/Organizational Psychology Program
2012 – Committee Member
Facilitating Adaptive Team Performance: The Influence of Membership Fluidity on Learning

Dana Sims, Industrial/Organizational Psychology Program
2009 – Committee Member
The Impact of Intra-organizational Trust and Learning Oriented Climate on Error Reporting

Moshe Feldman, Industrial/Organizational Psychology Program
2008 – Committee Member
Emotion regulation training on interpersonal and task performance in a customer service simulation

Christina Garafano, Industrial/Organizational Psychology Program
2006 – Committee Member
Initial Testing of the Continuous Employee Development Model: Outcome Expectations and Work-Related Implicit Theory

Modeling and Simulation Program

Scott Osofsky, Modeling and Simulation Program
2013 – Committee Member
Influence of Task-Role Mental Models on Perception of Robot Motion Behavior

Glenn Martin, Modeling and Simulation Program
2012 – Committee Member
Automatic Scenario Generation using Procedural Modeling Techniques

Dustin Chertoff, Modeling and Simulation Program

2009 – Committee Member

Enhancing Presence in Virtual Environments through Cognition and Experiential Design

MASTERS COMMITTEES – COMMITTEE MEMBER

Anthony Costello, Industrial Engineering and Management Systems Program

2007 – Outside Committee Member

Applying Augmented Reality to Information Visualization and Management in a Crisis Response Scenario.

HONORS IN MAJOR THESIS COMMITTEES

Sarah Hudak, Psychology Program

2014 – Outside Committee Member

Exploring the Correlation Between Theory of Mind and Drive for Thinness

Lisa Kadison, Psychology Program

2013 – Outside Committee Member

Subtypes of anhedonia and facial electromyography response to negative affective pictures in healthy adults

Monica L. Rosen, Psychology Program

2013 – Outside Committee Member

The Effects of Stress on Distance Perception in a Real World Environment

Megan Gregory, Psychology Program

2009 – Outside Committee Member

The role of transactive memory in work teams: A review

Anthony R. Selkowitz, Psychology Program

2008 – Outside Committee Member

Mental Rotation and a Drawing Based Training Regiment

Rachel Mansfield, Computer Science Program

2007 – Outside Committee Member

Temporal Abstract Behavior Representation

Megan Howard, Psychology Program

2006 – Co-Chair, Honors in Major Committee

Understanding Autobiographical Memory of Children through Self-Report

C. Scott DaPra, Psychology Program

2006 – Committee Member

Action Video Game Skill Level Predicts Performance on Target Detection and Identification