

# Monika Lohani Ph.D.

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Assistant Professor of Cognition and Neural Science · Department of Psychology ·  
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## Education and Training

*Postdoctoral Research Associate* 2014-2016  
Department of Psychology  
Yale University, USA

*PhD, MA* 2008-2014  
Social and Developmental Psychology  
Volen National Center for Complex Systems  
Department of Psychology  
Brandeis University, USA

*MA* 2006-2008  
Cognitive Science  
Centre of Behavioural and Cognitive Sciences  
University of Allahabad, India

*BA* 2003-2006  
Psychology  
Mahatama Jyotiba Phule Rohilkhand University, India

## Professional Appointments

*Assistant Professor* 2023-present  
Department of Psychology  
University of Utah

*Affiliate Faculty* 2023-present  
Global Change and Sustainability Center  
University of Utah

*Assistant Professor* 2018-2023  
Department of Educational Psychology  
University of Utah

*Adjunct Assistant Professor* 2019-2023  
Department of Psychology  
University of Utah

*Research Assistant Professor* 2018  
Department of Psychology  
University of Utah

*Lead Research Scientist* 2017-2018  
Department of Engineering and Analysis  
The MITRE Corporation

## Research Interests

Applied cognition · Affective regulation · Real-world stressors ·  
Psychophysiology · Multi-method assessment · Evidence-based interventions

## Publications

\*Student author

### Peer-reviewed Journals and Proceedings

1. **Lohani, M.**, Pfund, G. N.\* , Bono, T., & Hill, P. L. (2023). Starting school with purpose: Self-regulatory strategies of first-semester university students. *Applied Psychology: Health and Well-Being*. <https://doi.org/10.1111/aphw.12407> [Impact factor (IF): 7.521].
2. **Lohani, M.**, Dutton, S.\* , & Elsey, J. S.\* (2022). A day in the life of a college student during the COVID-19 pandemic: An experience sampling approach to emotion regulation. *Applied Psychology: Health and Well-Being*. <https://doi.org/10.1111/aphw.12337> [IF: 7.521].
3. Crandell, H. A.\* , Silcox, J. W.\* , Ferguson, S. H., **Lohani, M.**, & Payne, B. R. (2022). The effects of captioning errors, background noise, and hearing loss on memory for text-captioned speech. *Journal of Speech, Language, and Hearing Research*, 1-27. [https://doi.org/10.1044/2022\\_JSLHR-21-00416](https://doi.org/10.1044/2022_JSLHR-21-00416) [IF: 2.674].
4. Aina, D.\* , Poitras, E., & **Lohani, M.** (2022). Detection of student confusion in MOOCs: Feature extraction methods for EEG signal processing. Proceedings of the *American Educational Research Association*. In press.
5. **Lohani, M.**, Cooper, J., Erickson, G., Simmons, T., McDonnell, A.\* , Crabtree, K., & Strayer, D.L. (2021). No difference in arousal or cognitive demands between manual and partially automated driving: A multi-method on-road study. *Frontiers in Neuroscience*. 15, 627. <https://doi.org/10.3389/fnins.2021.577418> [IF: 5.152].
6. McDonnell, A.\* , Simmons, T., Erickson, G., **Lohani, M.**, Cooper, J., & Strayer, D.L. (2021). This is your brain on autopilot: Neural indices of driver workload and engagement during partial vehicle automation. *Human Factors*. <https://doi.org/10.1177/00187208211039091> [IF: 2.888].
7. Payne, B.R., Silcox, J.\* , Lash, A., Ferguson, S.H., & **Lohani, M.** (2021). Text captioning buffers against the effects of background noise and hearing loss on memory for speech. *Ear and Hearing*. DOI://10.1097/AUD.0000000000001079 [IF: 3.57].
8. **Lohani, M.**, McElvaine K.\* , Payne, B.R., Mitcheom, K., & Britton, W. (2020). A longitudinal training study to delineate the specific causal effects of open monitoring versus focused attention techniques on emotional health. *Complementary Therapies in Medicine*, 53, 102525. <https://doi.org/10.1016/j.ctim.2020.102525> [IF: 2.446].
9. Stanley, J., Eris, O., & **Lohani, M.** (2021). A conceptual framework for machine self-presentation and trust. *International Journal of Humanized Computing and Communication*. <https://doi.org/10.35708/HCC1869-148366>
10. **Lohani, M.**, Cooper, J., Erickson, G., Simmons, T., McDonnell, A.\* , Crabtree, K., & Strayer, D.L. (2020). Driver arousal and workload under partial vehicle automation: A pilot study. Proceedings of the *Human Factors and Ergonomics Society Annual Meeting*. <https://doi.org/10.1177/1071181320641471>.

11. Stanley, J., Eris, O., & **Lohani, M.** (2020). Toward a framework for machine self-presentation: A survey of self-presentation strategies in human-machine interaction studies. *IEEE Computer Society Press*. <https://doi.org/10.1109/HCCAI49649.2020.00007>
12. **Lohani, M.**, Payne B.R., & Strayer D. L. (2019). A review of psychophysiological measures in driving research to assess cognitive state in real-world context. *Frontiers in Human Neuroscience*. <https://doi.org/10.3389/fnhum.2019.00057>. [IF: 3.209]. <sup>1</sup>
13. Purcell, J.\* , **Lohani, M.**, Musket, C., Hay, A. C., Isaacowitz, D. M., & Gruber, J. (2018). Emotional gaze preferences using eye-tracking in remitted bipolar I disorder. *International Journal of Bipolar Disorders*. [doi.org/10.1186/s40345-018-0123-y](https://doi.org/10.1186/s40345-018-0123-y) [IF: 4.34].
14. **Lohani, M.**, Payne, B.R., & Isaacowitz, D. M. (2018). Emotional coherence in early and later adulthood during sadness reactivity and regulation. *Emotion*. 18(6), 789-804. [doi: 10.1037/emo0000345](https://doi.org/10.1037/emo0000345) [IF: 4.329].
15. Chit-Tegmark, M., **Lohani, M.**, & Scheutz, M. (2019). Gender effects in perceptions of robots and humans with varying emotional intelligence. Proceedings of the *ACM/IEEE International Conference on Human Robot Interaction*. [doi:10.1109/HRI.2019.8673222](https://doi.org/10.1109/HRI.2019.8673222).
16. Biondi, F., **Lohani, M.**, Hopman, R.\* , Mills, S., Cooper, J., & Strayer, D. L. (2018). 80 MPH and out-of-the-loop: Effects of real-world semi-automated driving on driver workload and arousal. Proceedings of the *Human Factors Ergonomic Society*. [doi.org/10.1177/1541931218621427](https://doi.org/10.1177/1541931218621427).
17. Leite, I., McCoy, M., **Lohani, M.**, Ullman, D.\* , Salomons, N.\* , Stokes, C., Rivers, S., & Scassellati, B. (2017). Affective narratives with robots: The impact of interaction context and individual differences on story recall and emotional understanding. *Frontiers in Robotics and AI* 4, 29. [doi:10.3389/frobt.2017.00029](https://doi.org/10.3389/frobt.2017.00029) [IF: 4.331].
18. Fan, L., Scheutz, M., **Lohani, M.**, McCoy, M., & Stokes, C. (2017). Do we need emotionally intelligent artificial agents? First results of human perceptions of emotional intelligence in humans compared to robots. *Lecture Notes in Artificial Intelligence*, 10498, 129-141. [doi: 10.1007/978-3-319-67401-8\\_15](https://doi.org/10.1007/978-3-319-67401-8_15) [IF: 1.363].
19. **Lohani, M.**, Stokes, C. K., Oden, K. B., Frazier, S. J., Landers, K. J., Craven, P. L., Lawton, D., McCoy, M., & Macannuco, D. J. (2017). The impact of non-technical skills on trust and stress. Proceedings of the 2017 *ACM/IEEE International Conference on Human-Robot Interaction*, 191-192. [doi:10.1145/3029798.3038321](https://doi.org/10.1145/3029798.3038321).
20. **Lohani, M.**, Stokes, C., Dashan, N.\* , McCoy, M., Bailey, C. A., & Rivers, S. E. (2017). A framework for human-agent social systems: The role of non-technical factors in operation success. Proceedings of *Advances in Human Factors in Robots and Unmanned Systems*, 137-148. [doi:10.1007/978-3-319-41959-6\\_12](https://doi.org/10.1007/978-3-319-41959-6_12).
21. **Lohani, M.**, Stokes, C., McCoy, M., Bailey, C. A., Joshi, A.\* , & Rivers, S. E. (2016). Perceived role of physiological sensors impacts trust and reliance on robots. Proceedings of 25th *IEEE International Symposium on Robot and Human Interactive Communication*, 513-518. [doi:10.1109/roman.2016.7745166](https://doi.org/10.1109/roman.2016.7745166).
22. **Lohani, M.**, Stokes, C., McCoy, M., Bailey, C. A., & Rivers, S. E. (2016). Social interaction moderates human-robot trust-reliance relationship and improves stress coping. Proceedings of 11th *ACM/IEEE International Conference on Human-Robot Interaction*, 471-472. [doi: 10.1109/HRI.2016.7451811](https://doi.org/10.1109/HRI.2016.7451811).
23. Leite, I., McCoy, M., **Lohani, M.**, Salomons, N.\* , McElvaine, K.\* , Stokes, C., Rivers, S., & Scassellati, B. (2016). Autonomous disengagement classification and repair in multiparty child-robot interaction. Proceedings of 25th *IEEE International Symposium on Robot and*

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<sup>1</sup>Selected as Cognitive Neuroscience Editor's Pick 2021. Nearly 220 citations since 2019

- Human Interactive Communication*, 525-532. doi:10.1109/roman.2016.7745168.
24. Oden, K., **Lohani, M.**, McCoy, M., Crutchfield, J., & Rivers, S. (2015). Embedding emotional intelligence into military training contexts. *Procedia Manufacturing*, 3, 4052-4059. doi:10.1016/j.promfg.2015.07.976.
  25. Leite, I., McCoy, M., **Lohani, M.**, Ullman, D.\* , Salomons, N.\*, Stokes, C., Rivers, S., & Scassellati, B. (2015). Emotional storytelling in the classroom: Individual versus group interaction between children and robots. Proceedings of 10th *Annual ACM/IEEE International Conference on Human-Robot Interaction*, 75-82. doi:10.1145/2696454.2696481.
  26. **Lohani, M.** & Isaacowitz, D.M. (2014). Age differences in managing response to sadness elicitors using attentional deployment, positive reappraisal, and suppression. *Cognition & Emotion*, 28(4), 678–697. doi:10.1080/02699931.2013.853648 [IF: 2.678].
  27. Stanley, J. T., **Lohani, M.**, & Isaacowitz, D. M. (2014). Age-related differences in understanding socially inappropriate humor. *Psychology and Aging*, 29(3), 528-541. doi:10.1037/a0036666 [IF: 3.34].
  28. **Lohani, M.**, Gupta, R., & Srinivasan, N. (2013). Cross-cultural evaluation of the International Affective Picture System on an Indian sample. *Psychological Studies*, 58(3), 233-241 [IF: .722]. doi:10.1007/s12646-013-0196-8.
  29. Noh, S., **Lohani, M.**, & Isaacowitz, D. M. (2011). Deliberate real-time mood regulation in adulthood: The importance of age, fixation and attentional functioning. *Cognition & Emotion*, 25(6), 998-1013. doi:10.1080/02699931.2010.541668 [IF: 2.678].
  30. Srinivasan, N., Srivastava, P., **Lohani, M.**, & Baijal, S. (2009). Focused and distributed attention. *Progress in Brain Research*, 176(1), 87-100. doi:10.1016/S0079-6123(09)17606-9 [IF: 2.453].

#### *Book Chapters*

31. Stokes, C., **Lohani, M.**, DeCostanza, A. H., & Loh, E. (2023). Human-machine social systems: Test and validation via military use cases. In Fortino, G., Kaber, D., Nürnberger, A., & Mendonca, D. *Handbook of Human-Machine Systems*. Wiley.
32. **Lohani, M.**, Poitras, E., & Stokes, C. (2020). A framework for human-technology social systems: The role of inter-personal interactions. In R. Zheng (Eds.). *Examining Multiple Intelligence and Digital Technologies for Enhanced Learning Opportunities*. IGI Global. doi:10.4018/978-1-7998-0249-5.ch014.
33. Payne B.R. & **Lohani, M.** (2020). Personality and cognitive health in aging. In P. L. Hill and M. Allemand (Eds.). *Personality and Healthy Aging in Adulthood: New Directions and Techniques*. (pp. 173-190). Springer, Cham.
34. **Lohani, M.**, Larcom, M. J., & Isaacowitz, D. M. (2014). Happier & older? Age-related effects on positive emotion. In Gruber, J. & Moskowitz, J. (Eds.). *Positive emotion: Integrating the light sides and dark sides* (pp. 246–266). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780199926725.003.0014>

#### *Technical Reports and Articles*

35. Strayer, D. L., Cooper, J.M., Sanbonmatsu, D.M., Erickson, G.G., Simmons, T.G., McDonnell, A.S., Carriero, A.E., Crabtree, K.W., & **Lohani, M.** (2020). Driver’s Arousal and Workload under Partial Vehicle Automation. (Technical Report) Washington, D.C.: AAA Foundation for Traffic Safety.
36. Rivers, S., **Lohani, M.**, McCoy, M., & Bailey, C. (2016). The Trust Project-Symbiotic Human Machine Teams: Social Cueing for Trust and Reliance. (Technical Report) Dayton, OH: SRA International Inc.

37. Larcom, M. J. & **Lohani, M.** (2011). Getting older, feeling good?: Individual difference factors associated with age effects in affective functioning. *Adult Development & Aging News*, 39(1), 3-5.

## Presentations

### *Talks and Symposia*

1. **Lohani, M.** Ong, L.Q\* , Wilson, M. E.\* , Burrow, A. L., & Sin, N.L. (accepted). Everyday discrimination: Shaping connections between emotion regulation and daily wellbeing. In Dynamic Intergroup Experiences: Regulatory Perspectives of Perpetrators, Witnesses, and Targets Symposium, Society for Personality and Social Psychology 2024 Annual Convention
2. **Lohani, M.**, Dutton, S.\* , & Elsey, J. S.\* (2021). Effective emotion regulation in college students during the COVID-19 pandemic. *Society for Affective Science Virtual Conference*.
3. **Lohani, M.** (2021). Within- and between-individual differences in emotion regulation during the COVID-19 pandemic. Invited talk at the Department of Psychological and Brain Sciences Washington University, St. Louis, MO.
4. **Lohani, M.** (2021). Individual differences in emotion regulation during the COVID-19 pandemic. Invited talk at the Department of Psychology, Rutgers University, Camden, NJ.
5. **Lohani, M.**, Cooper, J., Erickson, G., Simmons, T., McDonnell, A.\* , Crabtree, K., & Strayer, D. L. (2020). Driver arousal and workload under partial vehicle automation: a pilot study. *Human Factors Ergonomic Society Virtual Conference*.
6. Stanley, J., Eris, O., & **Lohani, M.** (2020). Toward a framework for machine self-presentation: A survey of self-presentation strategies in human-machine interaction studies. *IEEE Humanized Computing and Communication with Artificial Intelligence Virtual Conference*
7. Chit-Tegmark, **Lohani, M.**, & Scheutz, M. (2019). Gender effects in perceptions of robots and humans with varying emotional intelligence. The 14th Annual *ACM/IEEE International Conference on Human Robot Interaction*, Daegu, South Korea.
8. Biondi, F., **Lohani, M.**, Hopman, R.\* , Mills, S., Cooper, J., & Strayer, D. L. (2018). 80 MPH and out-of-the-loop: Effects of real-world semi-automated driving on driver workload and arousal. *International Annual Meeting of Human Factors Ergonomic Society*. Philadelphia, PA.
9. **Lohani, M.** (2018). Applied Psychophysiological methods: Expanding our quantitative methodological capacity through collaborations. Invited talk at the Office of Faculty Research and Support, University of Utah, Salt Lake City, UT.
10. **Lohani, M.** (2017). Self-regulation: Individual differences and interventions in real-world contexts. Invited talk at the Dept. of Psychology, University of Utah, Salt Lake City, UT.
11. Stokes, C.S., **Lohani, M.**, & McCoy M. (2017). Human-machine social systems. 2nd *International Workshop on Normative HRI: Ethics of and for Robots*. Vienna, Austria.
12. Fan, L., Scheutz, M., **Lohani, M.**, McCoy, M., & Stokes, C. (2017). Why we need to train with autonomous systems: Exploring emotional intelligence in human-robot interaction. The 8th *International Conference on Applied Human Factors and Ergonomics Conferences*, Los Angeles, CA.
13. **Lohani, M.** (2016). Multi-modal assessments of emotional reactivity and regulation. Invited talk at the Neuroscience and Education Lab, New York University, NY.
14. **Lohani, M.** (2016). Building non-technical skills between human-machine teams in an applied context. Invited talk at Lockheed Martin Corp. Mission Systems and Training, Orlando, FL.

15. **Lohani, M.** (2016). Applying basic emotion regulation research to real world contexts. Artusio, L. (Chair), Measurement of Emotional Intelligence Skills. Emotional Intelligence Symposium, University of Florence, Florence, Italy.
16. **Lohani, M.**, Stokes, C. K., McCoy, M., Bailey, C. A., Joshi, A., & Rivers, S. E. (2016). Perceived role of physiological sensors impacts trust and reliance on robots. Fisher, K. (Chair), Failure and trust in human-robot interaction. *IEEE International Symposium on Robot and Human Interactive Communication*, Columbia University, NY.
17. **Lohani, M.** (2015). The role of socioemotional cueing in effective human-agent team building. Affect Regulation and Cognition Lab, Yale University, New Haven, CT.
18. Stokes, C. K., Rivers, S. E., McCoy, M., **Lohani, M.**, & Schneider, T. R. (2015). Human-machine teaming: The social frontier. Lyons, J. (Chair), The promises and pitfalls of technology: Understanding user reliance as a means to avoid the latter. *American Psychological Association*, Toronto, Canada.
19. Oden, K., **Lohani, M.**, McCoy, M., Crutchfield, J., & Rivers, S. (2015). Embedding emotional intelligence into military training contexts. The 6th *International Conference on Applied Human Factors and Ergonomics Conferences*, Las Vegas, NV.
20. **Lohani, M.** (2014). Experiential-behavioral-physiological coherence during emotional reactivity and regulation in younger and older adults. Lazar Lab, Massachusetts General Hospital, Boston, MA.
21. Gruber, J., **Lohani, M.**, Purcell, J., & Isaacowitz, D. M. (2013). Seeing only the good? Emotional gaze preferences in bipolar disorder. Van Boven, L. (Chair), Attention and Emotion. *Society for Experimental Social Psychology (SESP)*, Berkeley, CA.
22. **Lohani, M.** (2013). A longitudinal training study to delineate the specific causal effects of open monitoring versus focused attention techniques on emotional regulation skills. Lazar Lab, Massachusetts General Hospital, Boston, MA.
23. **Lohani, M.** (2012). Age differences in understanding socially inappropriate behavior. *Social Brain Sciences Symposium*, Harvard University, Cambridge, MA.
24. **Lohani, M.** (2011) Introduction to eye tracking. Yale Positive Emotion and Psychopathology Lab, Yale University, New Haven, CT.
25. **Lohani, M.** (2011). Effective affect regulation strategies during coping, emotion- and mood-regulation: A meta-analysis. Northeastern University, Boston, MA.
26. **Lohani, M.** (2007). Effect of attention on afterimages. XVII Annual Conference of the National Academy of Psychology, Indian Institute of Technology, Kanpur, India.

#### *Poster Presentations*

1. Dutton, S.\* , Hill, P. L., Imel, Z. E., & **Lohani, M.** (2023) Affect in the wild: Psychophysiological responses to real-world contexts. *Society for Psychophysiological Research*. New Orleans, LA.
2. Elsey, J. S.\* , Dutton, S.\* , & **Lohani, M.** (2023). Affective experiences and stress reactivity: The moderating role of stressor forecasting. *Society for Affective Science Conference*. Long Beach, CA.
3. Ong, L.Q.\* , Wilson, M.E.\* , Burrow, A.L., **Lohani, M.**, Hill, P.L., & Sin, N.L. (2023). Anticipated discrimination in daily Life: Correlates with affect and physical symptoms. Annual meeting of the Canadian Psychological Association.
4. Ong, L.Q.\* , Wilson, M.E.\* , Burrow, A.L., **Lohani, M.**, Hill, P.L., & Sin, N.L. (2023). Anticipated discrimination in daily life: Correlates with perceived stressfulness and control. Annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
5. Dutton, S.\* , Hill, P. L., Imel, Z. E., & **Lohani, M.** (2022) The impact of long-term stress

- on reactivity to daily stressors. *Society for Psychophysiological Research*. Vancouver, BC, Canada.
6. Dutton, S.\* , Hill, P. L., Imel, Z. E., & **Lohani, M.** (2022) Understanding the interaction between chronic and daily stress in lab and real-world settings. Behavioral Science Research Day, *Huntsman Mental Health Institute*, University of Utah, UT.
  7. **Lohani, M.**, Pfund, G. N.\* , & Hill, P. L. (2022). Yet another two by two: Two factors for emotion regulation persist across two large samples. *Society for Affective Science Virtual Conference*.
  8. Elsey, J. S.\* , Dutton, S.\* , Findley, S. P.\* , Harmston, E.\* , Pham, A.\* , Baker, J. C., Langnecker, S. A., Bryan, C. J., & **Lohani, M.** (2022). Stress-related risk factors and suicide ideation: The mediating role of emotion dysregulation. *Society for Affective Science Virtual Conference*.
  9. Dutton, S.\* , Elsey, J. S.\* , & **Lohani, M.** (2022). Student experiences in the real world: The role of perceived stress and control on affect. *The College of Education Research Symposium at the University of Utah*, Salt Lake City, UT.
  10. Elsey, J. S.\* , Dutton, S.\* , & **Lohani, M.** (2022). The relationship between stress anticipation and affect in college students. *The College of Education Research Symposium at the University of Utah*, Salt Lake City, UT.
  11. Aina, D.\* , Poitras, E., & **Lohani, M.** (2022). Detection of student confusion in MOOCs: Feature extraction methods for EEG signal processing. *American Educational Research Association*.
  12. **Lohani, M.**, Cooper, J., McDonnell, A.\* , Erickson, G., Simmons, T., Carriero, A., Crabtree, K., & Strayer, D. L. (2021). Psychometric properties of psychophysiological and behavioral cognitive demand measures in applied driving research. *2021 Virtual Annual Meeting of the Society for Psychophysiological Research*.
  13. McDonnell, A.\* , Simmons, T., Erickson, G., **Lohani, M.**, Cooper, J., & Strayer, D. L. (2021). Neural indices of driver workload and engagement under partial vehicle automation. *2021 Virtual Annual Meeting of the Society for Psychophysiological Research*.
  14. **Lohani, M.**, Cooper, J., Erickson, G., Simmons, T., McDonnell, A.\* , Carriero, A., Crabtree, K., & Strayer, D. L. (2020). Application of heart rate variability to assess arousal in semi-automated vehicles. *2020 Virtual Annual Meeting of the Society for Psychophysiological Research*.
  15. Payne, B.R., Silcox, J.\* , Lash, A., Ferguson, S.H., & **Lohani, M.** (2018). Text captioning reduces the effects of perceptual effort on speech memory. *Annual Meeting of the Psychonomic Society*, New Orleans, LA.
  16. Payne, B.R., Silcox, J.\* , Lash, A., Ferguson, S.H., & **Lohani, M.** (2018). Assistive text captioning offsets the effects of background noise on speech memory and pupillometry. *Academy of Rehabilitative Audiology*, Pittsburgh, PA.
  17. **Lohani, M.** (2017). Future capabilities: The sense-assess-augment systems. *The Forum on the Impact of Vehicle Technologies & Automation on Users*, Salt Lake City, UT.
  18. **Lohani, M.**, Stokes, C.K., Oden, K., Frazier, S., Landers, K., Craven., P., Lawton, D., McCoy, M., & Macannuco, D. (2017). The impact of non-technical skills on trust and stress. *Human-Robot Interaction Conference*, Vienna, Austria.
  19. Schneider, T. R., Jessup, S. A., Stokes, C. S., **Lohani, M.**, & McCoy M. (2017). The influence of trust propensity on trust behaviors. *Association for Psychological Science Annual Convention 2017*, Boston, MA.
  20. **Lohani, M.**, Stokes, C. K., McCoy, M., Bailey, C. A., & Rivers, S. E. (2016). Social interaction moderates human-robot trust-reliance relationship and improves stress coping.

- ACM/IEEE International Conference on Human-Robot Interaction*, Christchurch, New Zealand.
21. Cooper, G., Dombrecht, L., Hay, A. C., **Lohani, M.**, & Gruber J. (2016). Remembering that neutral feeling? Enhanced memory for neutral, but not positive or negative, emotional stimuli in bipolar I disorder. *Society for Personality and Social Psychology*, San Diego, CA.
  22. Leite, I., McCoy, M., **Lohani, M.**, Ullman, D., Stokes-Schwartz, C., Rivers, S., & Scasselati, B. (2015). Building emotional understanding through interactive role-play using robots. *Society for Research in Child Development*, Philadelphia, PA.
  23. Leite, I., McCoy, M., **Lohani, M.**, Ullman, D., Stokes-Schwartz, C., Rivers, S., & Scasselati, B. (2015). Emotional storytelling in the classroom: Individual versus group interaction between children and robots. *ACM/IEEE International Conference on Human-Robot Interaction*, Portland, OR.
  24. **Lohani, M.** & Isaacowitz, D.M. (2014). Effects of age, emotional flexibility, and cognitive abilities on the effectiveness of regulating sadness using the acceptance strategy. *International Symposium for Contemplative Studies*, Boston, MA.
  25. **Lohani, M.** & Isaacowitz, D.M. (2014). Experiential-physiological coherence during sadness reactivity and regulation in younger and older adults. *Society for Psychophysiological Research Conference*, Atlanta, GA.
  26. Purcell, J., **Lohani, M.**, Isaacowitz, D. M., & Gruber, J. (2013). Seeing only the good? Visual attention preferences using eye-tracking in bipolar I disorder. *Society for Research in Psychopathology*, Oakland, CA.
  27. **Lohani, M.**, Stanley, J. T., & Isaacowitz, D. M. (2012). Self-report funniness ratings and facial electromyography reveal unique age-related responses to aggressive social humor. *Society for Psychophysiological Research Conference*, New Orleans, LA.
  28. **Lohani, M.**, Stanley, J. T., & Isaacowitz, D. M. (2012). Aging and the understanding of complex social situations. *Cognitive Aging Conference*, Georgia Institute of Technology, Atlanta, GA.
  29. **Lohani, M.**, & Isaacowitz, D. M. (2011). Multimodal assessment of the effectiveness of attentional deployment, reappraisal, and suppression in young and older adults. *Affective Science Institute meeting*, Boston, MA.
  30. **Lohani, M.**, & Isaacowitz, D. M. (2011). Effectiveness of attentional deployment in young and older adults. *Gerontological Society of America*, Boston, MA.
  31. **Lohani, M.**, & Isaacowitz, D. M. (2011). Multimodal assessment of the effectiveness of attentional deployment, reappraisal, and suppression in young and older adults. *Society for Psychophysiological Research Conference*, Boston, MA.
  32. **Lohani, M.**, & Isaacowitz, D. M. (2011). Multimodal assessment of the effectiveness of attentional deployment, positive reappraisal, and suppression. *Association for Psychological Science Annual Convention*, Washington, DC.
  33. **Lohani, M.**, Noh, S., & Isaacowitz, D. M. (2010). Deliberate real-time mood regulation in adulthood: The importance of age, fixation, and attentional processing. *Cognitive Aging Conference*, Georgia Institute of Technology, Atlanta, GA.
  34. **Lohani, M.**, Srinivasan, N. (2009). Individual differences in emotional reappraisal are linked to attentional flexibility: An eye-tracking study. Health Emotions Research Institute's 15th Annual Wisconsin Symposium on Emotion, University of Wisconsin, Madison, WI.
  35. **Lohani, M.**, Srinivasan, N. (2007). Stress affects memory for detail in emotional pictures. International Symposium on Advances in Neurosciences & Silver Jubilee Conference of *Indian Academy of Neurosciences*, Banaras Hindu University, Varanasi, India.



## Grant Funding

### *Awarded*

*Leading Educational Advances in Research and New Technologies Award*

Role: PI

\$5,000

2022-2023

*Dean's Research Fellowship Award 2022-2024*

College of Education, University of Utah

Role: Co-PI \$130,000

2022-2024

*A psychophysiological approach to the refinement of suicide risk management intervention*

1U4U, University of Utah

Role: PI

\$30,000

2020-2021

*Psychological flexibility in real-world: Toward an innovative psychophysiological approach*

Research Funding Incentive Grant, University of Utah

Role: PI

\$9,444

2019-2021

*The effects of text captioning on neurocognitive workload of speech understanding*

Telecommunications Research and Development Grant by CaptionCall LLC.

Role: Co-PI

\$166,961

2018-2019

*A longitudinal training study to delineate the specific causal effects of open monitoring*

*versus focused attention techniques on emotional regulation skills*

The Mind and Life Francisco J. Varela Research Grant

Role: PI

\$15,000

2013-2016

### **Awards and Fellowships**

*Postdoctoral Scholars Travel Award*

Yale University

2016

*International Symposium for Contemplative Studies Scholarship*

Mind & Life Institute

2015

*Graduate Student Association Scholarship*

Brandeis University

2014

*Travel & Research Grant*

Brandeis University

2013

*Research Fellow*

Mind & Life Institute

2012-2013

*Student Travel Award*

Wisconsin Symposium on Emotion, University of Wisconsin-Madison

2009

*Graduate Fellowship*

Brandeis University

2008-2013

Graduate Merit Fellowship 2006-2008  
University of Allahabad

## Teaching Experience and Mentorship

### ***Instructor of Record***

<i>Issues in Cognition</i> , University of Utah	2023-present
<i>Honors Topics in Cognitive Psychology</i> , University of Utah	2023-present
<i>Graduate Quantitative Methods I</i> , University of Utah	2021-2022
<i>Graduate Quantitative Methods II</i> , University of Utah	2019-2023
<i>Cognitive and Affective Bases of Behavior</i> , University of Utah	2018-2023
<i>Research Methods in Psychology Laboratory</i> , University of Utah	2017
<i>Directed Research for Senior Requirements</i> , Yale University	2015-2016
<i>Directed Research</i> , Yale University	2015
<i>Research Methods in Psychology</i> , Brandeis University	2013
<i>Psychological Statistics</i> , Brandeis University	2011-2012

### ***Reviewer***

#### *Ad Hoc Grant Reviewer*

Small Business Innovation Research (SBIR), National Science Foundation	2023
Swiss National Science Foundation	2022
Social Psychology Program, National Science Foundation	2019-2021

#### *Ad Hoc Journal Reviewer*

Accident Analysis and Prevention, Applied Human Factors and Ergonomics, Applied Psycholinguistics, Aging, Neuropsychology and Cognition, Biological Psychology, Brain Research, Clinical Psychological Science, Cognition and Emotion, Educational Psychology, Emotion, Frontiers in Neuroergonomics, Human Robot Interaction, International Journal of Human-Computer Interaction, Interaction Studies, International Journal of Psychophysiology, International Journal of Social Robotics, IGI Global, PLOS One, Positive Psychology, Psychology and Aging, Sage Open, and Scientific Reports

#### *Conference Reviewer*

Abstract Review Board, Society for Affective Science	2020-present
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### ***Workshop Co-organizer***

Training for human-machine teams. Applied Human Factors and Ergonomics International Conference, Los Angeles, CA	2017
Applying HRI to the defense sector: Human-agent teams. The IEEE International Symposium on Robot and Human Interactive Communication, Columbia University, NY	2016

### ***Service***

Society for Affective Science (SAS) Fundraising Committee Member	2023-present
Graduate Program Committee	2023-present
Educational Psychology Master of Statistics Track Director	2022-2023
Learning Sciences Program Committee	2018-2023
STEM Education Faculty Search Committee	2021-2022
Department's representative – Equity, Diversity, and Inclusion Committee	2022-2023