

Julia Mossbridge, PhD
jmossbridge@gmail.com (224) 627-7261

Skills and expertise

- * Entrepreneurial, service-oriented lead scientist and technologist
- * 30+ years combined experience in academia, corporate, and non-profit environments
- * 10+ years innovating and leading outside-the-box science and technology projects
- * 15+ years examining prediction in physical, biological, and psychological systems

Education

PhD in Communication Sciences and Disorders, Northwestern University, Evanston, IL (2006)
MA in Neuroscience, University of California, San Francisco, CA (1994)
BA in Neuroscience, Minor in Computer Science, Oberlin College, Oberlin, OH (1991)

Service

Board Member, Academy for the Advancement of Postmaterialist Science (2017 – present)
Steering Committee, Community Women Investing in Stem Equity (2017 – present)
Member, Bial Foundation Scientific Council (2014 – present)
Organizing Committee, Frontiers of Consciousness Conference (2014)
Trainee Steering Committee, Training Program in the Neuroscience of Human Cognition (2011 – 2012)
Peer reviewer for *Psychological Bulletin*, *Brain Research*, *Cognitive Systems Research*, *Perception*, *Cognition*, *PLoS One*, *Frontiers in Human Neuroscience*, *Attention*, *Perception*, & *Psychophysics*, and *Journal of the Acoustical Society of America* (2007 – present)

Funding (>\$1.5M over past 4 years)

PI on *Scalable Time Travel Narratives* grant (Robert Wood Johnson Foundation; January 2020 - present)
PI on *Positive Precog Consortium Climate Science* grant (private donor; July 2019-present)
PI on *Loving AIs* grant (private donor; Nov. 2016-Sept. 2019)
PI on *Hypnotizing Precognition and Unconditional Love* grant (private donor; Oct. 2016-Oct. 2017)
PI on *Reproductive Hormonal Status Predictor of Precognition* grant (Bial; Feb. 2017-March 2018)
PI on *Programming Unconditional Love* grant (private donor; July 2016-June 2017)
Consultant on Donner Family Foundation grant (May 2015 – Jan. 2016)
PI on *Intentional Intuition* grant, *Training Intuition* (private donor; June 2014 – June 2015)
PI on *Influence of SAM Sounds on Cognition* grant (Monroe Institute; Jan. 2014 – June 2014)
NIH T32 Training Grant, *Neuroscience of Human Cognition* (Jan. 2011 – Dec. 2012)
PI on *Pattern Classification of Predictive Physiological Signals* grant (Bial; Apr. 2011 – Apr. 2013)
PI on *Learning and Generalization on Psi Perceptual Tasks* (Bial; Mar. 2008 – Mar. 2010)

Honors

Charles Honorton Integrative Contributions Award (2014)
Northwestern Associated Student Government Teaching Honor Roll (a student-voted honor; 2012 – 2013)
Young Investigator Travel Award, Women in Acoustics, Acoustical Society of America (2007)
Laura Ann Wilber Audiology Scholarship, Northwestern University (2004)
Oberlin Alumni Dissertation Fellowship (2004)
Member, Phi Beta Kappa (1991)
Member, Sigma Xi Research Society (1991)
Highest Honors in Neuroscience, Oberlin College (1991)

Courses taught

Research Methods (California Institute of Integral Studies)
Advanced Topics in Human Exceptional Experiences (California Institute of Integral Studies)
Gender Differences in Perception, Cognition, and the Brain (Northwestern University)
Psychoacoustics (Psychology of Sound Perception; Northwestern University)

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Research and teaching experience

- The Institute for Love and Time 2019 – present
Executive Director
 Administer a nonprofit organization focused on understanding the scientific bases of unconditional love and informational time travel phenomena.
- Hanson Robotics, Inc., Hong Kong 2017 – 2018
Lead Robot Psychologist
 Perform character analysis for Sophia the humanoid robot; guide her personality development.
- California Institute of Integral Studies 2016 – present
Associated Full Professor
 Teach and provide guidance for appropriate student dissertations.
- Focus at Will, Inc., Ventura, CA 2016 – 2019
Science Director
 Guide scientific assessment and development of an online focusing tool.
- Institute of Noetic Sciences, Petaluma, CA 2015 – present
Past: Director of the Innovation Lab; Staff Scientist; Current: Fellow
 Perform research and create cultural shifts/technologies related to the science of consciousness.
- Northwestern University, Evanston, IL 2015 – 2020
Visiting Scholar, Department of Psychology
 Pursue funding opportunities related to timing and perception.
- Adjunct Faculty, Department of Psychology* 2011 – 2015
 Taught undergraduate and graduate courses as needed for the department.
- Research Associate, Department of Psychology* 2010 – 2015
 Designed, performed, analyzed and reported experimental research on the physio- and psychological bases of human perception, attention, and cognition.
- Adjunct Faculty, Communication Sciences and Disorders* Fall 2009
 Taught an undergraduate and graduate lecture course on the psychological bases of sound perception.
- Visiting Scholar (Post-doc), Department of Psychology* 2008 – 2010
 Designed, performed, and secured funding for research on the physiological basis of prediction.
- Mossbridge Institute, LLC 2013 – present
Founder and Research Director
 Perform research, write books and articles and run webinars related to unconditional love and time, maintain the patented physiology-based decision-making app Choice Compass.
- Pacific College of Oriental Medicine, Chicago, IL 2007 – 2008
Adjunct Faculty, Biological Sciences
 Taught biophysics and biochemistry to students of Traditional Chinese Medicine, integrating a Western scientific view into an Eastern curriculum.
- Shimer College, Chicago, IL 2007 – 2008
Adjunct Faculty and Grants Writer
 Taught remedial math and algebra to students with math anxiety. Research and wrote funding proposals focusing on the intersection between technology, science, and humanities curricula.
- Northwestern University, Evanston, IL 1998 – 2006
Doctoral student, Department of Communication Science and Disorders
 Designed, performed, and analyzed experiments, presented results, and prepared for publication a dissertation focusing on the neural circuitry underlying the perceptual learning of auditory temporal tasks.

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University of California, San Francisco, CA 1991 – 1994
Research and Teaching Assistant, Doctoral Program in Neurosciences
 Co-taught six upper-level seminar courses on brain function and the neurobiology of disease. Defended a master's thesis relating brainstem neuronal firing to fear and pain behavior.

Freelance writing experience

Scientific Writer/Editor 2005 – 2007
 Created fact sheets for a website focusing on children with autism (www.healingthresholds.org). Wrote lay summaries of scientific articles for a national database created by the Environmental Protection Agency (www.epa.gov/TEACH). Editing services for a book on the education of gifted children, *Acceleration for Gifted Learners K-5*.

Corporate experience

UQ Solutions for Abbott Laboratories, Abbott Park, IL 1997 – 1998
Validation Team Lead, ADD Unit
 Team Lead for a proprietary Laboratory Information Management System software validation project.

Ameritech, Chicago, IL 1995 – 1996
Business Analyst, Enhanced Business Services Information Technology Group
 Project lead for development, testing and implementation of a proprietary client-server application.

Invited talks, trainings and media appearances

Plenary talk, Bial Foundation Conference (April 2022)
 Plenary talk, Gallileo Commission (December 2020)
 Guest lecture, University of Pennsylvania (November 2020)
 Guest lecture, Northwestern University (October 2020)
 Krueger & Lee Symposium (October 2020)
The Unexplained with William Shatner (Spring 2020)
 Bill Roll Lecture, University of West Georgia (Sept 2019)
 Plenary talk, Institute of Noetic Sciences (July 2019)
 Plenary talk, Society for Scientific Exploration (June 2019)
 Google X speaker & trainer (Jan. – May 2019)
 Comparative and International Education Society (April 2019)
 Association for the Advancement of Artificial Intelligence @ Stanford (April 2019)
 Sivananda Yoga Retreat, Bahamas (March 2019)
 Data + Society (January 2019)
 University of San Diego (October 2018)
 University of Michigan (October 2018)
 UC Berkeley (November 2017)
 Hong Kong Polytechnic University (September 2017)
 Consciousness and Technology SRI Workshop Series (May-August 2017)
 National Geographic Genius Special (April 2017)
 Stanford University (January 2017)
 Plenary talk, Science and Nonduality (October 2016)
 Association for the Advancement of Science, Pacific Division (June 2016)
 Plenary talk, Society for Scientific Exploration/Parapsychological Association (June 2016)
 Plenary panel, Science of Consciousness (April 2016)
 Google, Inc. (Nov. 2015)
 Plenary talk, Science and Nonduality (Oct. 2015)
 Symposium talk, Association for Psychological Science (May 2015)
 Google X (May 2014)
 Plenary talk, Toward a Science of Consciousness 20th Anniversary conference (April 2014)

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Google, Inc. (April 2014)

Frontiers of Consciousness Conference, Beckman Center at UC Irvine (March 2014)

Samueli Institute (August 2013)

King's University College (November 2012)

Professional affiliations

Academy for the Advancement of Postmaterialist Science

Community Women Investing in STEM Education

Society for Scientific Exploration

Parapsychology Association

Publications (*selected for media attention)

Articles

1. **Mossbridge, J**, Nisam, M, & Crabtree, A. (2020). Can hypnotic suggestion induce feelings of unconditional love and supernormal performance? *Spirituality in Clinical Practice*. Advance online publication.
- * 2. **Mossbridge, J** & Radin, D. (2018). Precognition as a form of prospection: A review of the evidence. *Psychology of Consciousness: Theory, Research, and Practice*, 5(1), 78.
- * 3. **Mossbridge, J** & Radin, D. (2018). Plausibility, statistical interpretations, physical mechanisms and a new outlook: Response to commentaries on a precognition review. *Psychology of Consciousness: Theory, Research, and Practice*, 5(1), 110.
4. Wittmann, M., Fiedler, H., Gros, W., **Mossbridge, J**, & Lucci, C. R. (2017, October 11). Individual differences related to present and future mental orientation predict the sense of time. Retrieved from psyarxiv.com/ezmhp
5. **Mossbridge, J**, Roney, CJ, Suzuki, S. 2017. Losses and External Outcomes Interact to Produce the Gambler's Fallacy. *PLOS ONE*, 12(1), e0170057.
6. **Mossbridge J**, Zweig J, Grabowecky M, Suzuki, S. 2016. An Association between Auditory–Visual Synchrony Processing and Reading Comprehension: Behavioral and Electrophysiological Evidence. *Journal of Cognitive Neuroscience, Online First*, 1-13.
7. **Mossbridge J**. 2015. *Time and the Unconscious Mind*. arXiv:1503.01368 [q-bio.NC].
8. **Mossbridge J**, Tressoldi P, Utts J, Radin D, Ives JA, Jonas, WB. 2015. *But we did see this coming: Response to D. Schwartzkopf*. arXiv:1501.03179 [q-bio.nc].
9. Dalkvist J, **Mossbridge J** and Westerlund J. 2014. *How to remove the influence of expectation bias in presentiment and similar experiments: A recommended strategy*. *Journal of Parapsychology*. 78:80.
- * 10. **Mossbridge J**, Tressoldi P, Utts J, Ives JA, Radin D and Jonas WB. 2014. *Predicting the unpredictable: critical analysis and practical implications of predictive anticipatory activity*. *Front. Hum. Neurosci.* 8:146.
- * 11. **Mossbridge J**, Grabowecky M, Paller KA and Suzuki S. 2013. *Neural activity tied to reading predicts individual differences in extended-text comprehension*. *Front. Hum. Neurosci.* 7:655. doi: 10.3389/fnhum.2013.00655
- * 12. **Mossbridge J**, Grabowecky MF and Suzuki S. 2013. *Seeing the song: Left auditory structures may track auditory-visual dynamic alignment*. *PLoS ONE* 8(10): e77201. doi:10.1371/journal.pone.0077201.
13. **Mossbridge J**, Ortega-Torres L, Grabowecky MF and Suzuki S. 2013. *Rapid volitional control of apparent motion during percept generation*. *Attention, Perception, & Psychophysics* 75:1486-1495.
- * 14. **Mossbridge J**, Tressoldi P, and Utts J. 2012. *Predictive anticipatory activity preceding seemingly unpredictable stimuli: A meta-analysis*. *Frontiers in Psychology* 3:390.
15. Guzman-Martinez E, Ortega L, Grabowecky MF, **Mossbridge J**, and Suzuki, S. 2012. *Interactive coding of visual spatial frequency and auditory amplitude-modulation rate*. *Current Biology* 22: 383-388.
16. **Mossbridge J**, Grabowecky MF and Suzuki S. 2011. *Changes in auditory frequency guide visual spatial attention*. *Cognition* 121: 133-139
17. **Mossbridge J**, Scissors, BN, and Wright BA. 2008. *Learning and generalization on asynchrony and order tasks at sound offset: Implications for underlying neural circuitry*. *Learning and Memory* 15:13-20.
18. **Mossbridge J**, O'Connor E, Fitzgerald MB, and Wright BA. 2006. *Perceptual learning evidence for separate processing of asynchrony and order tasks*. *J. Neuroscience* 26:12708-16.

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19. **Mossbridge J** and Thomas JA. 1999. *An "acoustic niche" for Antarctic killer whale and leopard seal sounds.* *Marine Mammalogy* 15:1351-1357.

Peer-reviewed conference proceedings

1. **Mossbridge, J.** 2017. Examining the nature of retrocausal effects in biology and psychology. AIP Conference Proceedings 1841, 030004; doi: 10.1063/1.4982775
2. **Mossbridge J**, Grabowecy MF, and Suzuki S. 2011. *Physiological markers of future outcomes: Three experiments on subconscious psi perception during concurrent performance of a guessing task.* Proceedings of Parapsychological Association, 54th meeting.
3. **Mossbridge, J**, Grabowecy MF, and Suzuki S. 2009. *Evidence for subconscious but not conscious psi in remote stare detection and precognition tasks.* Proceedings of the Parapsychological Association, 52nd meeting.

Articles under review and in prep

Mossbridge, J, Radin, D. and Boccuzzi, M. Under review. What can we learn about supernormal abilities from an online precognition training platform?

Mossbridge, J and Bem, D. In prep. Gender and hormone effects in conscious and unconscious precognition tasks.

Mossbridge, J. In prep. Photon absorption predicts future events prior to decisions controlling those events.

Books

1. **Mossbridge J.** 2019. *The Calling.* New Harbinger: Oakland, CA.
2. Cheung T and **Mossbridge J.** 2018. *The Premonition Code.* Watkins Media: London, UK.
3. Baruss I and **Mossbridge J.** 2016. *Transcendent Mind: Rethinking the Science of Consciousness.* American Psychological Association Books: Washington, DC.
4. **Mossbridge J.** 2002. *Unfolding: The perpetual science of your soul's work.* New World Library: Novato, CA.

Book chapters

1. **Mossbridge J.** 2018. Designing Transcendence Technology. In, *Psychology's New Design Science and the Reflective Practitioner.* S. Imholz & J. Sachter, Eds. Libralab Press.
2. **Mossbridge J.** 2014. *Physiological activity that seems to anticipate future events.* In *The Evidence for Psi*, edited by Ben Goertzel and Damien Broderick. McFarland & Co.
3. **Mossbridge J.** 2009. *Brain Shaping at Work: Wiring Our Brains for Integrity, Leadership, Creativity and [Insert Your Favorite Trait or Skill Here].* In "The Workplace and Spirituality: New Perspectives in Research and Practice," Dr. Joan Marques, Ed. Skylight Paths Publishing.

Book reviews

1. **Mossbridge, J.** 2019. Time Loops: Precognition, Retrocausation, and the Unconscious [Book Review]. *Journal of Scientific Exploration*, 33: 311-318.
2. **Mossbridge, J.** 2016. Psychic phenomena and the brain: Exploring the Neuropsychology of Psi [Book Review] [online]. *Australian Journal of Parapsychology*, 16: 91-96.
3. **Mossbridge J.** 2015. Knowing the unknowable: Putting psi to work by Damien Broderick: A book review. *Journal of Scientific Exploration* 29(4):687-692.
4. **Mossbridge J.** 2010. The Spiritual Anatomy of Emotion: How feelings link the brain, the body, and the sixth sense by Michael Jawer with Marc Micozzi: A Book Review. *Journal of Parapsychology* 74:394-398.