

## Jennifer A. Mangels

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### Education

Ph D, Univ. of California, Berkeley, 1995.

Major: Cognitive Psychology

Supporting Areas of Emphasis: Neuroscience

Dissertation Title: "Automatic and Controlled Processing in Memory for Temporal Order"

BA, Univ. of Delaware, 1990.

Major: Psychology

Dissertation Title: "Nonveridical Memory for Picture Boundaries"

### Academic Positions

Professor (Full), Baruch College. (January 2012 - Present).

Full Professor, Doctoral Program in Psychology, Graduate Center of CUNY. (January 2012 - Present).

Associate Professor, Doctoral Program in Psychology, Graduate Center of CUNY. (May 2008 - January 2012).

Associate Professor, Baruch College. (September 2007 - September 2011).

Associate Professor, Columbia Univ. (July 2003 - July 2007).

Faculty of Doctoral Program, Columbia Univ. (July 2002 - July 2007).

Assistant Professor, Columbia Univ. (July 1998 - July 2002).

Assisting Clinician, Rotman Research Institute. (1995 - 1998).

### Published Intellectual Contributions

#### Refereed Journal Articles

Whiteman, R., & Mangels, J. (2020). State and Trait Rumination Effects on Overt Attention to Reminders of Errors in a Challenging General Knowledge Retrieval Task. *Frontiers in Psychology: Emotion Science*, 11.

<https://www.frontiersin.org/articles/10.3389/fpsyg.2020.02094/full>

Abraham, D., McRae, K., & Mangels, J. (2019). "A" For Effort: Rewarding Effortful Retrieval Attempts Improves Learning from General Knowledge Errors in Women. *Frontiers in Psychology*. <https://www.frontiersin.org/articles/10.3389/fpsyg.2019.01179/full>

Mangels, J., Hoxha, O., Lane, S. P., Jarvis, S. N., & Downey, G. (2018). Evidence that Disrupted Orienting to Evaluative Social Feedback Undermines Error Correction in Rejection Sensitive Women. *Social Neuroscience*, 13(4), 451-470.

Mangels, J., Rodriguez, S., Ochakovskaya, Y., & Guerra Carrillo, B. (2017). Achievement Goal Task Framing and Fit with Personal Goals Modulates the Neurocognitive Response to Corrective Feedback. *AERA Open (American Educational) Research Association*, 3(3), 1-16.

Whiteman, R. C., & Mangels, J. (2016). Rumination and Rebound from Failure as a Function of Gender and Time on Task. *Brain Sciences*, 6(1), 7.

- Sklar, E., Parsons, S., Li, Z., Salvit, J., Perumal, S., Wall, H., & Mangels, J. (2016). Evaluation of a Trust-modulated Argumentation-based Interactive Decision-making Agent. *Journal for Autonomous Agents and Multiagent Systems*, 30(1), 136-173.
- Rodriguez, S., Romero, R., Downey, G., Mangels, J., & Higgins, E. Tory (2013). When School Fits Me: How Fit Between Self-Beliefs and Task Benefits Boosts Math Motivation and Performance. *Basic and Applied Social Psychology*, 35(5), 445-466.  
dx.doi.org/10.1080/01973533.2013.823613
- Mangels, J., Good, C., Whiteman, R., Maniscalco, B., & Dweck, C. (2012). Emotion blocks the path to learning under stereotype threat. *Social Cognitive and Affective Neuroscience*, 7(2), 230-241.
- Mangels, J., Manzi, A., & Summerfield, C. (2010). The third time's the charm: An ERP study massed repetition in episodic encoding of face-name associations. *Journal of Cognitive Neuroscience*, 22(3), 457-473.
- Soldan, A., & Mangels, J. (2008). Effects of dividing attention during encoding on perceptual priming of unfamiliar visual objects. *Memory*, 16(8), 873-95.
- Joerger, T., & Mangels, J. (2008). Neural correlates of false memory suppression by true recollection. *NeuroReport*, 19(17), 1695-1698.
- Lai, G., & Mangels, J. (2007). Cueing effects on semantic and perceptual categorization: ERPs reveal differential effects of validity as a function of processing stage. *Neuropsychologia*, 45, 2038-50.
- Stern, E., Wager, T., Egner, T., Hirsh, J., & Mangels, J. (2007). Preparatory neural activity predicts performance on a conflict task. *Brain Research*, 1176, 92-102.
- Mangels, J., Butterfield, B., Lamb, J., Good, C., & Dweck, C. S. (2006). Why do beliefs about intelligence influence learning success? A social cognitive neuroscience model. *Social Cognitive and Affective Neuroscience*, 1(2), 75-86.
- Summerfield, C., Enger, T., Greene, M., Koechlin, E., Mangels, J., & Hirsh, J. (2006). Predictive codes for forthcoming perception in the frontal cortex. *Science*, 314(5803), 1311-4.
- Summerfield, C., Greene, M., Wager, T., Egner, T., Hirsch, J., & Mangels, J. (2006). Neocortical connectivity during episodic memory formation. *Public Library of Science: Biology*, 4(5), e128.  
biology.plosjournals.org/perlserv/?request=get-document&doi=10.1371/journal.pbio.0040165)
- Summerfield, C., & Mangels, J. (2006). EEG correlates of anticipatory attention predict successful episodic encoding. *Journal of Cognitive Neuroscience*, 18(7), 1120-32.
- Karantzoulis, S., Rich, J.B., & Mangels, J. (2006). Subject-Performed Tasks improve associative learning in Mild Cognitive Impairment (MCI). To appear in *Journal of the International Neuropsychological Society*, 12(4), 493-501.
- Stern, E., & Mangels, J. (2006). Neural correlates of top-down attentional biasing during the spatial Stroop task: an event-related potential (ERP) study. *Journal of Cognitive Neuroscience*, 18(6), 1004-17.
- Soldan, A., Mangels, J., & Cooper, L.A. (2006). Evaluating models of object-decision priming: Evidence from ERP repetition effects. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 32(2), 230-248.

- Summerfield, C., Egner, T., Mangels, J., & Hirsch, J. (2006). Mistaking a house for a face: Neural correlates of misperception in healthy humans. *Cerebral Cortex*, *16*(4), 500-508.
- Horowitz, T.S., Choi, W.Y., Horvitz, J.C., Cote, L.C., & Mangels, J. (2006). Visual search deficits in Parkinson's disease are attenuated by bottom-up target salience and top-down information. *Neuropsychologia*, *44*(10), 1962-1977.
- Mangels, J., & Heinberg, A. (2006). Improved episodic integration through enactment: Implications for aging. *Journal of General Psychology*, *133*(1), 37-65.
- Summerfield, C., & Mangels, J. (2005). Coherent theta-band EEG activity predicts item-context binding during encoding. *NeuroImage*, *24*(3), 692-703.
- Summerfield, C., & Mangels, J. (2005). Functional coupling between frontal and parietal lobes during recognition memory. *Neuroreport*, *16*(2), 117-122.
- Stern, E., Horvitz, J., Cote, L., & Mangels, J. (2005). Maintenance of response readiness in patients with Parkinson's Disease: Evidence from a simple reaction time task. *Neuropsychology*, *19*(1), 54-65.
- Mohlman, J., Mangels, J., & Craske, M.G. (2004). The spider phobia card sorting test: An investigation of anxiety and executive functioning. *Cognition and Emotion*, *18*(7), 939-960.
- Butterfield, B., & Mangels, J. (2003). Neural correlates of error detection and correction in a semantic retrieval task. *Cognitive Brain Research*, *17*, 793-817.
- Beninger, R.J., Wasserman, J., Zanibbi, K., Charbonneau, D., Mangels, J., & Beninger, B.V. (2003). Typical and atypical antipsychotic medications differentially affect two non-declarative memory tasks in schizophrenic patients: A double dissociation. *Schizophrenia Research*, *61*(2-3), 281-92.
- Mangels, J., Craik, F.I.M., Schwartz, M., & Stuss, D. (2002). Chronic deficits in item and context memory following traumatic brain injury: a function of attention, strategy and injury severity. *Neuropsychologia*, *40*, 2369-2385.
- Mangels, J., Picton, T.W., & Craik, F.I.M. (2001). Attention and successful episodic encoding: An event-related potential study. *Cognitive Brain Research*, *11*(1), 77-95.
- Cabeza, R., Anderson, N., Mangels, J., McIntosh, A.R., Nyberg, L., Houle, S., & Tulving, E. (2000). Age-related differences in neural activity during item and temporal-order memory retrieval: A positron emission tomography study. *Journal of Cognitive Neuroscience*, *12*(1), 197-206.
- Mangels, J., Ivry, R.B., & Shimizu, N. (1998). Dissociable contributions of the prefrontal and neocerebellar cortex to time perception. *Cognitive Brain Research*, *7*(1), 15-39.
- Cabeza, R., Mangels, J., Nyberg, L., Habib, R., Houle, S., McIntosh, A.R., & Tulving, E. (1997). Brain regions differentially involved in remembering what and when. *Neuron*, *19*, 863-870.
- Mangels, J. (1997). Strategic processing and memory for temporal order in patients with frontal lobe lesions. *Neuropsychology*, *11*(2), 207-221.
- Mangels, J., Gershberg, F.B., Shimamura, A.P., & Knight, R.T. (1996). Impaired retrieval from remote memory in patients with frontal lobe lesions. To appear in *Neuropsychology*, *10*(1), 32-41.

Mangels, J., Knowlton, B.J., & Squire, L.R. (1996). A neostriatal habit learning system in humans. *Science*, 273, 1399-1402.

Shimamura, A.P., Berry, J.A., Mangels, J., Rusting, S., & Jurica, P.J. (1995). Memory and cognitive abilities in academic professors: Evidence for successful aging. *Psychological Science*, 6(5), 271-277.

Mangels, J., Shimamura, A.P., Jurica, P.J., Gershberg, F.B., & Knight, R.T. (1995). Susceptibility to interference in patients with frontal lobe lesions. *Journal of Cognitive Neuroscience*, 7(2), 144-152.

Shimamura, A.P., Gershberg, F.B., Mangels, J., Jurica, P.J., & Knight, R.T. (1992). Intact implicit memory in patients with frontal lobe lesions. To appear in *Neuropsychologia*, 30(10), 931-937.

Intraub, H., Bender, R.S., & Mangels, J. (1992). Looking at pictures but remembering scenes. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 18(1), 180-191.

### Conference Proceedings

Hughes, D., Adali, S., Cho, J.-H., & Mangels, J. (2015). *Individual differences in information processing in networked decision making*. 24th Conference on Behavior Representation in Modeling and Simulation (BRIMS).

Chan, K., Cho, J.-H., Adali, S., Mangels, J., Hoxha, O., Lila, K., & Abraham, D. (2014). *Providing Agility in C2 Environments Through Networked Information Processing: A Model of Expertise*. 19th Annual ICCRTS Conference.

### Book Chapters

Dweck, C.S., Mangels, J., & Good, C. (2004). Motivational effects on attention, cognition and performance. In D. Y. Dai & R. J. Sternberg (Eds.), *Motivation, emotion, and cognition: Integrated perspectives on intellectual functioning* (pp. 41-55).

Mangels, J., & Ivry, R.B. (2001). Time Perception. In B. Rapp (Ed.), *The Handbook of Cognitive Neuropsychology* (pp. 467-494). Philadelphia, PA: Psychology Press.

## Research Currently in Progress

### Under Revision

Rager, S., Leung, A., Mangels, J., Pinegar, S., Poole, M. S., & Contractor, N. (under revision). Groups, Governance, and Greed: The ACCESS World Model. *Computational and Mathematical Organizational Theory*.

### In Preparation

Mangels, J., & Imperio, C. M. (in prep). Learning from your own and others' metacognitive mistakes in a social information-sharing setting.

Mangels, J., & Pinegar, S. (in prep). Baruch Knowledge Norms (B-KNORMs): Normative responses to 409 general knowledge questions and characterization of response credibility.

## Presentations

- Mangels, J., 10th Annual All-Psychology Research Day, "Mechanisms for maximally learning from your mistakes: A social-cognitive neuroscience approach," Graduate Center of CUNY, Graduate Center of CUNY. (March 2019).
- Pinegar, S. (Presenter & Author), Martineck, D. (Author Only), Mangels, J. (Author Only), Society for Personality and Social Psychology Annual Meeting, "Can a reliable source bias you?: Recognition information fluency cues when the expert is wrong," Society for Personality and Social Psychology, Portland, OR. (January 2019).
- Ochakovskaya, Y. (Presenter & Author), Mangels, J. (Author Only), American Education Research Association (AERA) Annual Meeting, "Neurocognitive correlates underlying the benefits of mastery goal instruction on learning after failure," American Education Research Association (AERA), New York, NY. (May 2018).
- Pinegar, S. (Presenter & Author), Martineck, D. (Author Only), Adali, S. (Author Only), Mangels, J. (Author Only), Society for Personality and Social Psychology Annual Meeting, "Using General Knowledge Questions to Gauge Fluency and Metacognitive Information: The B-Knorms," Society for Personality and Social Psychology, Atlanta, GA. (March 2018).
- Ochakovskaya, Y. (Presenter & Author), Mangels, J. (Author Only), Social Affective Neuroscience Society Annual Meeting, "Neurophysiological evidence for the effects of environmental achievement goals on feedback-based learning in a challenging general knowledge task," Social Affective Neuroscience Society, Los Angeles. (March 2017).
- Pinegar, S. (Presenter & Author), Martineck, D. (Author Only), Adali, S. (Author Only), Mangels, J., Society for Personality and Social Psychology Annual Meeting, "Do Hedgehogs Live in Lodges?: The Effects of Motivational and Cognitive Factors on Informational Trust," Society for Personality and Social Psychology, San Antonio, TX. (January 2017).
- Mangels, J., Neuroleadership Summit, "Insight & Creativity," Neuroleadership Institute, NY, NY. (November 5, 2015).
- Mangels, J., SocialSense 15, "Cyber-Physical Challenges in Social Spaces," IEEE, Dallas, TX. (October 19, 2015).
- Good, C. (Presenter & Author), Mangels, J. (Author Only), (NSF) ADVANCE/GSE Program Workshop, Broadening Participation through Innovations for Institutional and Educational Transformation, "Contingencies of Belonging Protect Females' Math Learning and Engagement in Middle School and College From Stereotype Threat," National Science Foundation, Baltimore, MD. (May 2015).
- Good, C., Mangels, J., APS Annual Meeting, "This Field is your Field: How congruence between personal values and beliefs and those supported by academic contexts impacts interest, learning, motivation and performance," Association for Psychological Science, New York, NY. (May 2015).
- Mangels, J. (Presenter & Author), Abraham, D. (Author Only), Martineck, D. (Author Only), Hoxha, O. (Author Only), Bakdash, J. (Author Only), Adali, S. (Author Only), APS Annual Meeting, "TRUSTING INFORMATION IN SOCIAL NETWORKS: HOW DO WE DETERMINE THE CREDIBILITY OF THE INFORMATION WE RECEIVE?," Association for Psychological Science, New York, NY. (May 24, 2015).
- Crew, C. (Presenter & Author), Downey, G. (Author Only), Hoxha, O. (Author Only), Mangels, J. (Author Only), APS Annual Meeting, "Attentional Orienting to Social Threat Cues Undermines

- Feedback-Based Learning in Females with High Sensitivity to Interpersonal Rejection," Association for Psychological Science, New York, NY. (May 21, 2015).
- Mangels, J. (Chair), APS Annual Meeting, "How Evaluative Threat And The Ways That Students Cope With It Can Compromise Learning," Association for Psychological Science, New York, NY. (May 21, 2015).
- Whiteman, R. (Presenter & Author), Mangels, J. (Author Only), APS Annual Meeting, "Ruminative Brooding Predicts Sustained Attention To Errors And Hinders Females' Ability To Learn From Their Mistakes," Association for Psychological Science, New York, NY. (May 21, 2015).
- Ochakovskaya, Y. (Presenter & Author), Carol, K. (Author Only), Cheung, V. (Author Only), Kateava, A. (Author Only), Moon-Mock, W. (Author Only), Mangels, J. (Author Only), Society for the Study of Motivation Annual Meeting, "Environmental achievement framing matters for students' success in rebounding from failure on both immediate and delayed tests of general knowledge," Society for the Study of Motivation, New York, NY. (May 21, 2015).
- Hughes, D. (Presenter & Author), Adali, S. (Author Only), Mangels, J., Cho, J.-H. (Author Only), Society for the Study of Motivation Annual Meeting, "Individual Differences in Need for Cognition and Need for Cognitive Closure Impact Decision Making in Social Networks: A Simulation Study," Society for the Study of Motivation, New York, NY. (May 21, 2015).
- Abraham, D. (Presenter & Author), Gasparre, R. (Author Only), Schor, D. (Author Only), McRae, K. (Author Only), Mangels, J. (Author Only), Society for the Study of Motivation Annual Meeting, "Perceived Agency Over Reward Outcomes and its Effects on Correction of General Knowledge Errors," Society for the Study of Motivation, New York, NY. (May 21, 2015).
- Crew, C. (Presenter & Author), Downey, G. (Author Only), Hoxha, O. (Author Only), Mangels, J. (Presenter & Author), Cognitive Neuroscience Society Annual Meeting, "Attentional Orienting to Social Threat Cues Undermines Feedback-Based Learning in Females with High Rejection Sensitivity," Cognitive Neuroscience Society, San Francisco, CA. (March 30, 2015).
- Good, C. (Presenter & Author), Mangels, J. (Author Only), Evelo, A. (Author Only), Society for Personality and Social Psychology 16th Annual Meeting, "Contingencies of Belonging Protect Against the Effects of Stereotype Threat on Learning," Society for Personality and Social Psychology, Long Beach, CA. (February 2015).
- Ravichandra, R. (Presenter & Author), Lema, S. (Presenter & Author), Mangels, J. (Author Only), Good, C., Society for Personality and Social Psychology 16th Annual Meeting, "e Asian Difference: A Study on Cultural Identity and Their Relation to Sense of Belonging and Intent to Pursue Math," Society for Personality and Social Psychology, Long Beach, CA. (February 2015).
- Cotsis, R. (Presenter & Author), Fong, M. (Author Only), Mangels, J. (Author Only), Good, C. (Author Only), Society for Personality and Social Psychology 16th Annual Meeting, "WHITE AND ASIAN DIFFERENCES IN OVERALL SENSE OF BELONGING AND INTENT TO PURSUE MATH," Society for Personality and Social Psychology, Long Beach, CA. (February 2015).
- Mangels, J., Society for Personality and Social Psychology Annual Meeting, "Individual Differences in Need for Cognition and Need for Closure influence information-based decision-making in social networks," Society for Personality and Social Psychology, Long Beach, CA. (February 2015).
- Salvit, J., Li, S., Wall, H., Mangels, J., Parsons, S., Sklar, E., 11th International Workshop on Argumentation in Multi-Agent Systems (ArgMAS), "Employing argumentation to support

- human decision making: A user study," 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS). (May 2014).
- Bayatyan, L. (Presenter & Author), Whiteman, R. (Author Only), Hoxha, O. (Author Only), Mangels, J. (Presenter & Author), APS Annual Meeting, "Did I know it all along? Anticipatory neural activity predicts hypercorrection," Association for Psychological Science, San Francisco, CA. (May 2014).
- Good, C. (Presenter & Author), Mangels, J. (Author Only), Society for Personality and Social Psychology 15th Annual Meeting, "An Intervention to Instill Effort-Based Sense of Belonging in Math," Society for Personality and Social Psychology, Austin, TX. (February 13, 2014).
- Good, C., Mangels, J. (Author Only), Evelo, A. (Author Only), Society for Personality and Social Psychology 15th Annual Meeting, "Effort and Ability Based Belonging: Effects on Math Learning and Engagement," Society for Personality and Social Psychology, Austin, TX. (February 13, 2014).
- Whiteman, R. (Presenter & Author), Shusterman, A. (Author Only), Mangels, J. (Presenter & Author), Social Cognitive and Affective Neuroscience Society Annual Meeting, "Brooding predicts sustained attention to errors and hinders females' rebound from failure over time," Social Cognitive and Affective Neuroscience Society Annual, San Francisco, CA. (April 2013).
- Crew, C. (Presenter & Author), Hoxha, O. (Presenter & Author), Downey, G. (Author Only), Mangels, J. (Presenter & Author), Social Cognitive and Affective Neuroscience Society Annual Meeting, "The face value of feedback: Comparing the effects of social and nonsocial feedback on neural activity and error correction," Social Cognitive and Affective Neuroscience Society Annual, San Francisco, CA. (April 2013).
- Crew, C. (Presenter & Author), Hoxha, O. (Author Only), Downey, G. (Author Only), Mangels, J. (Author Only), Society for Personality and Social Psychology Annual Meeting, "Learning in the face of negative social feedback: A Neurocognitive approach," Society for Personality and Social Psychology, New Orleans, LA. (January 2013).
- Whiteman, R. (Presenter & Author), Mangels, J. (Author Only), Society for Personality and Social Psychology Conference, "Rumination re-evaluated: potential mechanisms and methods of intervention in rebound from failure," Society for Personality and Social Psychology, New Orleans, LA. (January 2013).
- Mangels, J., Deering, L., Good, C. (Author Only), Society for the Study of Motivation, "The cost of comparison: Normative achievement goals matter more than gender in determining rebound from failure in math.," Chicago, IL. (May 2012).
- Rodriguez, S. (Presenter & Author), Mangels, J. (Presenter & Author), Guerra, B. (Presenter & Author), Higgins, E. T. (Author Only), Society for the Study of Motivation Conference, "Framing a task as performance or mastery-oriented influences the neurocognitive substrates of successful error detection and correction in a challenging declarative memory task," Society for the Study of Motivation, Chicago, IL. (May 2012).
- Guerra-Carrillo, B. (Presenter & Author), Mangels, J. (Presenter & Author), Rodriguez, S. (Author Only), Higgins, T. (Author Only), Social and Affective Neuroscience Society Annual Meeting, "Frame of mind: focusing students on performance or mastery yields a double disassociation of the neural processes predicting subsequent memory," Social and Affective Neuroscience Society, New York City. (April 2012).

- Mangels, J. (Presenter & Author), Deering, L. (Presenter & Author), Good, C. (Author Only), Social and Affective Neuroscience Society Annual Meeting, "The Cost of Comparison: Achievement Goals, Gender, and the Ability to Rebound from Failures in Math," Social and Affective Neuroscience Society, New York City. (April 2012).
- Guerra-Carrillo, B. (Presenter & Author), Mangels, J. (Presenter & Author), Rodriguez, S. (Author Only), Higgins, T. (Author Only), Cognitive Neuroscience Society Annual Meeting, "Frame of mind: focusing students on performance or mastery yields a double disassociation of the neural processes predicting subsequent memory," Cognitive Neuroscience Society, Chicago, IL. (April 2, 2012).
- Mangels, J. (Presenter & Author), Deering, L., Good, C., Cognitive Neuroscience Society Annual Meeting, "The Cost of Comparison: Normative Achievement Goals Matter More than Gender in Determining Rebound From Failure in Math," Cognitive Neuroscience Society, Chicago, IL. (April 2, 2012).
- Mangels, J., Colloquium, "Epistemic Curiosity and Motivated Learning: A Social Cognitive Neuroscience Approach," CUNY Subprogram in Cognitive Neuroscience, CCNY. (February 16, 2012).
- Mangels, J., Montclair Interdisciplinary Group, "Mindsets, Memory and Rebound from Failure," Montclair Kimberly Academy. (January 20, 2012).
- Mangels, J., The Science of Student Success, "Mindsets, Motivation and Rebounding from Failure," Learning and the Brain, Chicago, IL. (May 5, 2011).
- Mangels, J. (Presenter & Author), Rodriguez, S. (Presenter & Author), Guerra, B. (Presenter & Author), Higgins, T. (Presenter Only), Cognitive Neuroscience Society Meeting, "Task goals and achievement mindset influence attention to feedback and learning success in a challenging memory task," Cognitive Neuroscience Society, San Francisco, CA. (April 2011).
- Mangels, J. (Author Only), Rodriguez, S. (Presenter & Author), Guerra, B. (Presenter & Author), Higgins, T. (Presenter & Author), Society for Personality and Social Psychology Conference, "Can performance goals benefit rebound from failure? Evaluating the interaction between goals and academic context," Society for Personality and Social Psychology, San Antonio, TX. (January 2011).
- Mangels, J. (Presenter & Author), Association for Psychological Science Annual Meeting; Symposium on Learning in the Brain: Neurocognitive Functions Underlying Academic Achievement., "Factors underlying rebound from failure: A social cognitive neuroscience approach," Association for Psychological Science, Boston, MA. (May 2010).
- Mangels, J. (Presenter & Author), Colloquium, "'Seek and Ye Shall Find: The Social Cognitive Neuroscience of Epistemic Curiosity,'" Psychology Department, Brooklyn College. (February 2010).
- Mangels, J. (Presenter & Author), Cognitive Neuroscience Seminar, "Seek and Ye Shall Find: The Social Cognitive Neuroscience of Knowledge Seeking," Sergievsky and Taub Institutes, Columbia University Medical Center. (January 2009).
- Mangels, J. (Presenter & Author), Museums and the Mind: Applying Cognitive Neuroscience to Free-Choice Learning., "The Neuroscience of the Knowledge Seeking Emotions," Association of Science-Technology Centers Conference, Philadelphia, PA. (October 2008).



- Mangels, J., Whiteman, R., Altschuler, T., Maniscalco, B., Dweck, C., Association for Psychological Science, "Capturing the moment before: Anticipatory attention and learning under stereotype threat," Chicago IL. (May 2008).
- Mangels, J. (Presenter & Author), Association for Psychological Science Meeting, "Performance and Learning in Challenging Situations: Why Mindset Matters," Association for Psychological Science, Chicago, IL. (May 2008).
- Joerger, T. (Presenter & Author), Maniscalco, B. (Author Only), Mangels, J. (Presenter & Author), Cognitive Neuroscience Society Meeting, "When recollection helps you realize something didn't happen: An ERP study of feedback in disqualifying false memories," Cognitive Neuroscience Society, San Francisco, CA. (April 2008).
- Mangels, J., Teaching and Technology Conference, "Mindset in the Classroom: How Student and Teacher Achievement Goals Influence Learning Success," Baruch College, CUNY NY. (March 2008).
- Mangels, J. (Presenter & Author), Using Brain Research to Enhance Cognitive Abilities, "Motivating Minds: How Students' Beliefs Impact Learning and Achievement," Learning and the Brain, Cambridge, MA. (November 2007).
- Mangels, J. (Presenter & Author), Society for Psychophysiological Research Annual Meeting, "Learning Under Stereotype Threat: The Relationship between Affective and Cognitive Engagement," Society for Psychophysiological Research, Savannah, GA. (October 2007).
- Mangels, J., ERP and Memory Conference, "Prediction Error in Declarative Memory," New York State Psychiatric Institute, New York, NY. (May 2007).
- Mangels, J., Neuroscience of Social Decision Making (NSDM) Seminar, "Prediction Error and Learning in Declarative Memory," Princeton University. (May 2007).
- Mangels, J., Joerger, T., Maniscalco, B., Cognitive Neuroscience Society Meeting, "Remediating false memory errors with corrective feedback: Behavioral and ERP studies," Cognitive Neuroscience Society, New York, NY. (April 2007).
- Mangels, J., Good, C., Dweck, C. S., 8th Annual Meeting of the Society for Personality and Social Psychology, "Does stereotype threat impose a fixed view of ability? A social cognitive neuroscience approach to mechanisms underlying the effects of stereotype threat on learning math," Society for Personality and Social Psychology, Memphis, TN. (January 2007).
- Mangels, J., Does stereotype threat impose a fixed view of ability? A social cognitive neuroscience approach to mechanisms underlying the effects of stereotype threat on learning math. Invited Symposium, "A Social Neuroscience Approach to Understanding Stereotype Threat and Psychological Disengagement," Society for Personality and Social Psychology, Memphis, TN. (January 2007).
- Mangels, J., Lamb, J., Good, C., Dweck, C., Association for Psychological Science Meeting, "Why do beliefs about intelligence influence learning success? A social cognitive neuroscience approach," New York, NY. (2006).
- Mangels, J., Lai, G., Cognitive Neuroscience Society Meeting, "Cueing effects on semantic and perceptual categorization: ERPs reveal differential effects of validity as a function of processing stage," San Francisco, CA. (2006).

- Summerfield, C., Wager, T., Greene, M., Hirsch, J., Mangels, J., Cognitive Neuroscience Society Meeting, "Neocritical connectivity during episodic memory formation," San Francisco, CA. (2006).
- Stern, E., Wager, T., Egner, T., Mangels, J., Hirsch, J., Cognitive Neuroscience Society Meeting, "Preparatory activation of the source and target sites of attentional control is associated with improved performance on a spatial Stroop task," San Francisco, CA. (2006).
- Mangels, J., The Science of Diversity: Exploring Recent Advances in the Study of Inclusive Environments, "Attitudes, Activations and Achievement: A Social Cognitive Neuroscience Approach to Mechanisms Underlying Individual Differences in Academic Performance," co-sponsored by the New York Academy of Science, Columbia University, (November 2006).
- Mangels, J., Learning from your mistakes: Lessons from a Social-Cognitive-Neuroscience, Presidential Session, "Education and Neuroscience: Will Collaborations Enhance the Public Good," American Educational Research Association. (April 2006).
- Mangels, J., Presidential Session Education and Neuroscience: Will Collaborations Enhance the Public Good, "Learning from your mistakes: Lessons from a Social-Cognitive-Neuroscience Approach," American Educational Research Association. (April 2006).
- Mangels, J., Butterfield, B., Lamb, J., Taylor, L., Mesrie, J., Patterson, T., C., Dweck, C., American Psychological Society Meeting, "The influence of theory of intelligence on error correction: An event-related potential (ERP) study," American Psychological Society, Los Angeles, CA. (2005).
- Mangels, J., Butterfield, B., J., Taylor, L., Mesrie, J., Summers, M., Patterson, T., Schulman, A., Moll, A., Mercado, M., Good, C., Dweck, C., Cognitive Neuroscience Society Meeting, "Achievement motivation modulates the neural correlates of error detection and correction in a knowledge retrieval task," Cognitive Neuroscience Society, New York, NY. (2005).
- Stern, E., Mangels, J., Cognitive Neuroscience Society Meeting, "Attentional Biasing Prior to Conflict in a cued Spatial Stroop task: an ERP Study," Cognitive Neuroscience Society, New York, NY. (2005).
- Summerfield, C., Egner, T., Mangels, J., Hirsch, J., Human Brain Mapping, "Mistaking a house for a face: Neural correlates of misperception in healthy humans," Toronto, ON. (2005).
- Summerfield, C., Egner, T., Mangels, J., Hirsch, J., Human Brain Mapping, "Mistaking a house for a face: Neural correlates of misperception in healthy humans," Toronto, ON. (2005).
- Mangels, J., "Making memories in a dynamic brain," Academy of Sciences, New York. (May 2005).
- Mangels, J., Motivational Neuroscience Conference, "How does achievement motivation modulate the neural correlates of learning?," Motivational Neuroscience, Columbia University. (May 2005).
- Mangels, J., Sam Sutton Memorial Lecture, "Learning when you least expect it: The role of novelty, emotion and beliefs in successful learning," Biopsychology Section, Psychiatric Institute, New York State. (April 2005).
- Summerfield, C., Mangels, J., Cognitive Neuroscience Society Meeting, "Coherent theta-band EEG activity predicts item-context binding during encoding," Cognitive Neuroscience Society, San Francisco, CA. (2004).

- Mangels, J., Summerfield, C., Cognitive Neuroscience Society Meeting, "Coherent theta-band EEG activity predicts item-context binding during encoding," San Francisco, CA. (2004).
- Mangels, J., Cox, C., Cognitive Neuroscience Society Meeting, "Modulation of episodic encoding-related neural activity by top-down selection and bottom-up orienting in conceptual and emotional domains," Cognitive Neuroscience Society, San Francisco. CA. (2004).
- Karantzoulis, S., Rich, J.B., Mangels, J., International Neuropsychological Society Meeting, "Free recall and recognition following meaningful and bizarre subject-performed and verbal tasks in normal aging and mild cognitive impairment," International Neuropsychological Society, Baltimore, MD. (2004).
- Rich, J.B., Karantzoulis, S., Mangels, J., Meeting, "Temporal order and recognition memory of actions and objects in subject-performed and verbal tasks," International Neuropsychological Society, Baltimore, MD. (2004).
- Mangels, J., University Seminar Symposium, "The cortical dynamics of successful episodic encoding," Cognitive Neuroscience, Columbia University. (October 2004).
- Mangels, J., Hot Topic Talk, "The influence of students' intelligence beliefs on attention and learning: A neurophysiological approach," American Psychology Society, Chicago. (May 2004).
- Mangels, J., Program in Neuropsychology, "Neocortical dynamics of successful episodic encoding, Colloquium," Department of Psychology, Queens College, NY. (May 2004).
- Mangels, J., Pre-Conference Symposium, "Attention, Learning and Achievement Motivation: An Electrophysiological Approach," Cognitive Neuroscience Society, San Francisco, CA. (April 2004).
- Mangels, J., Pre-Conference Symposium, "Attention, Learning and Achievement Motivation: An Electrophysiological Approach," Society for Personality and Social Psychology, Austin. (January 2004).
- Soldan, A., Mangels, J., Cooper, L.A., "Differential encoding of possible and impossible objects: An ERP Study," Society for Neuroscience, New Orleans, LA. (2003).
- Mangels, J., Chan, J., Meeting, "Effects of emotional, conceptual, and perceptual novelty on episodic encoding: An ERP study," Cognitive Neuroscience Society, New York, NY. (2003).
- Soldan, A., Mangels, J., Cooper, L.A., Meeting, "ERP correlates of perceptual priming for novel objects," Cognitive Neuroscience Society, New York, NY. (2003).
- Mangels, J., Summerfield, C., Meeting, "Fronto-temporal gamma EEG activity associated with successful encoding of item and source," Cognitive Neuroscience Society, New York. (2003).
- Choi, W.Y., Horowitz, T., Horvitz, J., Mangels, J., Meeting, "Impaired visual search guidance in patients with Parkinson's Disease," Cognitive Neuroscience Society, New York, NY. (2003).
- Summerfield, C., Mangels, J., Meeting, "Neural correlates of veridical and false memory," Cognitive Neuroscience Society, New York, NY. (2003).
- Mangels, J., Bieger, K.E., Psychonomic Society Meeting, "Can a concept of what someone is like be extracted in the absence of explicit recollection of specific encounters?," Psychonomic Society, Vancouver, CA. (2003).

- Mangels, J., Habeck, C.G., Saremsky, P., "Frontal-posterior EEG coherence at encoding associated with subsequent free recall and recognition," Cognitive Neuroscience Society. (2002).
- Mangels, J., Heinberg, A., "Improved episodic integration with enactment: Implications for aging," International Neuropsychological Society. (2002).
- Mangels, J., Lynch, K.E., Meeting, "Retrieval phenomenology associated with memory for items and concepts," Psychonomic Society, Kansas City, MO. (2002).
- Mangels, J., Stern, E., Horvitz, J., Cote, L., "Motor readiness and working memory performance in Parkinson's Disease patients on a simple reaction time task," Society for Neuroscience. (2002).
- Mangels, J., "The cortical dynamics of successful episodic encoding, Colloquium," Department of Psychology, Rutgers University, NJ. (October 2002).
- Butterfield, B., Mangels, J., "Separating the contribution of novelty and metamemory mismatch to the hypercorrection effect," Society for Psychophysiological Research. (2001).
- Mangels, J., Graylyn Conference on Women's Health, "Overview and recent research: Paradigms for Studying Encoding, Storage and Retrieval," Women's Cognitive Health, Wake Forest University, NC. (October 2001).
- Mangels, J., Colloquium, "Electrophysiological Correlates of Successful Episodic and Semantic Encoding," Department of Psychology, NYU. (May 2001).

## **Contracts, Grants and Sponsored Research**

### **Contracts and Grants**

- Mangels, J. (Co-Principal), Rager, S. (Principal), "ACCESS – Agent-based Causal simulator with Cognitive, Environmental, and Social System factors," Sponsored by DARPA, Federal, \$140,000.00. (December 14, 2017 - July 7, 2020).
- Mangels, J. (Co-Principal), Adali, S. (Principal), O'Donovan, J. (Co-Principal), Cho, J.-H. (Co-Principal), Bakdash, J. (Co-Principal), Rager, S. (Co-Principal), "Networked Situation Awareness for Information-Based Decision-Making," Sponsored by Army Research Laboratories Collaborative Technology Alliance in Network Science W911NJ-09-2-0053, Federal, \$166,524.00. (October 2016 - September 2018).
- Mangels, J. (Co-Principal), "Information-based Decision Making and Trust in Networks (Part of Trust, Influence, Modeling and Enhancing Human Performance Thrust)," Sponsored by Army Research Laboratories Collaborative Technology Alliance in Network Science, W911NF-09-0053, Federal, \$224,950.00. (October 1, 2014 - September 30, 2016).
- Mangels, J. (Co-Principal), "Modeling and Analysis of Information Flow in Networks (Part of Quality of Information (QOI) Thrust)," Sponsored by Army Research Laboratories Collaborative Technology Alliance in Network Science W911NJ-09-2-0053, Federal, \$139,234.00. (October 1, 2014 - September 30, 2016).
- Mangels, J., "Agreement Number W911NF-09-2-0053. Primary Research Staff on Project 3 "The Cognitive Social Science of Net-Centric Interactions." Budget for 2012-4: \$127,902 (Task T1: Information Based Decision Making and Trust in Networks) Budget for 2010-2012: \$61,390 (Task S3: Time Stressed Net-Centric Decision Making Under Uncertainty; Task S5: Trust, Situation Awareness and Distributed Decision Making Making)," Sponsored by Social

- and Cognitive Network Academic Center (SNARC), U.S. Army Research Laboratory under the Network Science Collaborative Technology Alliance, Federal, \$189,292.00. (October 1, 2009 - September 30, 2014).
- Mangels, J. (Supporting), Gaynor, A. (Principal), Ahles, T. (Co-Principal), Root, J. (Co-Principal), "Neural and Cognitive Mechanisms of Attention and Memory in Cancer Survivors," Sponsored by NIH, Federal, \$179,600.00. (April 1, 2020 - March 31, 2022).
- Young, S. (Principal), Mangels, J. (Co-Principal), "Assessing learning outcomes and student attitudes in online and traditional sections of Statistics and Research Methods," Sponsored by Society for the Teaching of Psychology, Private, \$1,990.00. (August 2, 2018 - August 2, 2020).
- Mangels, J., "GRTI Grant: Neuroscan EEG Acquisition," Sponsored by DASNY, State, \$11,450.00. (December 31, 2019).
- Mangels, J., "Tracking Engagement with Feedback in Mastery and Performance-Oriented STEM Environments," Sponsored by PSC-CUNY, Baruch College - CUNY, \$3,500.00. (July 2016 - December 2017).
- Mangels, J., "Can Rewarding Effort Motivate Mastery and Rebound from Failure?," Sponsored by PSC-CUNY, Baruch College - CUNY, \$5,999.26. (July 1, 2014 - December 31, 2015).
- Mangels, J. (Principal), "Creating Scalable Interventions for Enhancing Student Learning and performance, Mangels, PI of Subaward to Baruch College (Joshua Aronson, NYU, Project Director). Total award: \$1,358,113 (Subaward: \$343,989, total direct and indirect).," Sponsored by Institute for Educational Science (Department of Education), Federal, \$343,989.00. (June 6, 2009 - May 31, 2014).
- Mangels, J. (Principal), "GRTI Grant: Reading the Mind Through the Eyes (TX300 Eye-Tracker)," Sponsored by DASNY, State, \$50,000.00. (December 2013).
- Mangels, J. (Co-Principal), Good, C. (Principal), "Gender Differences in the Foundations of Sense of Belonging: Effects on achievement, Aspirations, and Learning in STEM disciplines," Mangels, Co-PI (Catherine Good, PI). Total award (direct and indirect): \$600,000," Sponsored by National Science Foundation, Federal, \$600,000.00. (October 1, 2009 - September 30, 2013).
- Mangels, J. (Principal), "Rumination and Rebound From Failure: Mediators, Moderators, and Methods of Intervention," Sponsored by PSC-CUNY, Local, \$11,896.00. (July 1, 2011 - December 31, 2012).
- Mangels, J. (Principal), "PSCREG-40-1276, "The Relationship Between Stereotype Threat and Successful Insight Experiences in Problem Solving"," Sponsored by PSC-CUNY, Baruch College - CUNY, \$4,000.00. (July 1, 2009 - December 31, 2010).
- Mangels, J. (Principal), Good, C. (Co-Principal), "PSCOOC-39.140, 60068-38 39, "A Social Cognitive Neuroscience Approach to Math Achievement and Learning: Establishing Norms"," Sponsored by PSC-CUNY, Baruch College - CUNY, \$4,500.00. (July 1, 2008 - December 31, 2009).
- Mangels, J., "The Influence of Students' Intelligence Beliefs on Attention, Information Processing, and Learning: A Neurophysiological Approach," Sponsored by Dept. of Education, Cognition and Student Learning (CASL), R305-H-02-0031A, \$785,547.00. (January 2003 - May 2007).

Mangels, J., "Detection and Correction of Errors in Declarative Memory," Sponsored by NIH, NIMH, R21 MH66129, \$200,000.00. (August 2002 - February 2006).

Mangels, J., "Science of Learning in Urban Education Institutions Catalyst Grant," Sponsored by NSF SLC Catalyst, \$150,475.00. (October 1, 2003 - September 30, 2004).

## **SERVICE**

### **Department Service**

Department Chair. (July 1, 2015 - Present).  
Psychology Academic and Volunteer Subject Pool IRB Manager. (August 2015 - Present).  
Lab Space Manager. (July 2015 - Present).  
Committee Member, Curriculum Committee. (May 2008 - Present).  
Deputy Chair. (July 1, 2012 - July 2015).  
Director of Undergraduate Programs. (September 1, 2012 - July 1, 2015).

### **College Service**

Committee Member, Suicide Prevention Task Force. (March 2021-present)  
Chair, WSAS Promotion and Budget Committee. (July 2018-present)  
Standard V Chair, MSCHE Accreditation. (January 2018 - June 2020).  
Committee Member, Schwartz Communication Center Faculty Advisory Committee. (August 2015 - Present).  
Committee Member, Honors Program Faculty Advisory Committee. (September 2013 - Present).  
Committee Member, Provost's Office of Undergraduate Research (POUR) Advisory Council. (June 2013 - Present).  
Committee Member, Joint Committee on Research. (September 2014 - August 2017).  
Committee Member, WSAS Dean Search Committee. (August 2015 - December 2015).  
Committee Member, Zicklin School Curriculum Committee. (January 2010 - September 2012).

### **University Service**

Chair of Psychology Discipline Council of CUNY (Spring 2020 – Present)  
Committee Member, CUNY Baccalaureate Program University Committee. (November 2019 - Present).  
Grant Proposal Reviewer, Internal, Grant Peer Review Program. (2016 - Present).  
Grant Proposal Reviewer, Internal, PSC-CUNY Awards. (2015).  
Grant Proposal Reviewer, Internal, PSC-CUNY Awards. (2014).

### **Professional Service**

#### **Journal Review**

Editorial Review Board Member, Frontiers of Psychology. (July 2020 - Present).  
Editorial Review Board Member, Frontiers of Integrative Neuroscience. (July 2019 - Present).  
Ad Hoc Reviewer, Journal of Personality and Social Psychology. (2019 - Present).  
Ad Hoc Reviewer, Trends in Neuroscience and Education. (2019 - Present).  
Ad Hoc Reviewer, Biological Psychology. (2018 - Present).  
Ad Hoc Reviewer, Journal of Behavior Therapy and Experimental Psychiatry. (2018 - Present).  
Ad Hoc Reviewer, Journal of Experimental Psychology: Learning, Memory and Cognition. (2017 - Present).  
Ad Hoc Reviewer, Nature Communications. (2017 - Present).  
Ad Hoc Reviewer, AERA Open. (2016 - Present).

Memory & Cognition. (2016 - Present).  
Ad Hoc Reviewer, Applied Cognitive Psychology. (2015 - Present).  
Ad Hoc Reviewer, Scientific Reports. (2015 - Present).  
Ad Hoc Reviewer, Frontiers in Psychology. (2013 - Present).  
Ad Hoc Reviewer, International Journal of Psychophysiology. (2013 - Present).  
Ad Hoc Reviewer, Neuroimage. (2013 - Present).  
Ad Hoc Reviewer, The Journal of Neuroscience. (2013 - Present).  
Ad Hoc Reviewer, Cortex. (2012 - Present).  
Ad Hoc Reviewer, Social Psychology of Education. (2012 - Present).  
Ad Hoc Reviewer, Cognitive, Affective and Behavioral Neuroscience. (2011 - Present).  
Ad Hoc Reviewer, Journal of the International Neuropsychological Society. (2010 - Present).  
Ad Hoc Reviewer, Neuroimage. (2010 - Present).  
Ad Hoc Reviewer, European Journal of Neuroscience. (2006 - Present).  
Ad Hoc Reviewer, Memory. (2006 - Present).  
Ad Hoc Reviewer, Neuroscience. (2006 - Present).  
Ad Hoc Reviewer, Personality and Social Psychology Journal. (2006 - Present).  
Ad Hoc Reviewer, Social Cognitive and Affective Neuroscience. (2006 - Present).  
Ad Hoc Reviewer, Neuroscience Letters. (2005 - Present).  
Ad Hoc Reviewer, Psychological Science. (2005 - Present).  
Ad Hoc Reviewer, Journal of Memory and Language. (2004 - Present).  
Ad Hoc Reviewer, Psychological Bulletin. (2003 - Present).  
Ad Hoc Reviewer, Psychophysiology. (2002 - Present).  
Ad Hoc Reviewer, Science. (2002 - Present).  
Ad Hoc Reviewer, Cerebral Cortex. (2001 - Present).  
Ad Hoc Reviewer, Cognitive Brain Research. (2001 - Present).  
Ad Hoc Reviewer, Journal of Experimental Psychology: General. (2000 - Present).  
Ad Hoc Reviewer, Journal of Cognitive Neuroscience. (1998 - Present).  
Ad Hoc Reviewer, Neuron. (1998 - Present).  
Ad Hoc Reviewer, Neuropsychologia. (1998 - Present).  
Ad Hoc Reviewer, Neuropsychology. (1998 - Present).  
Ad Hoc Reviewer, Norton & Co. Publishing. (2006 - Present).  
Ad Hoc Reviewer, Journal of the International Neuropsychological Society. (2005 - Present).

#### **Federal Grant Review/Consultation**

Grant Proposal Reviewer, External, US-Israel Binational Science Foundation (BSF). (2016).  
Ad-hoc panelist, The REESE NSF GRANT Review Panel. (February 2008).  
Consultant, NSF Graduate Research Fellowship Program in Psychology. (January 2007-Present)  
Eligibility Consultant, American Society for Engineering. (2007).  
Ad-hoc panelist, NIH Cognition and Perception Grant Study Section. (June 2007).  
NIH Special Review Committee for Autism Centers of Excellence (ACE). (November 2006).  
Ad Hoc Reviewer, NSF Grants. (2002).  
Ad Hoc Reviewer, NSF Grants. (1999).

#### **Scientific Advisory Roles**

Senior Scientific Advisor, Academic Youth Development, Austin, TX. (2007 - 2016).  
Scientist/Advisor, Neuroleadership Institute. (2014-Present).  
Chief Research Officer, Lucid Systems, San Francisco, CA. (2006 - 2009).  
Technical advisor O'Reilly Publishers, Missing Manual for the Brain. (March 2008).  
Senior Scientific Advisor, Wavespot, San Francisco, CA. (November 2006 - March 2008).  
Vice-Chair, Psychology Section Steering Committee, NY Academy of Sciences. (June 2006 - March 2008).  
Committee Member, Psychology Section Steering Committee, NY Academy of Sciences. (September 2003 - March 2008).