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Education:

B.S. Psychology, Magna Cum Laude 1977 St. Norbert College, Wisconsin
M.S. Experimental (Cognitive) Psychology 1981 University of Wisconsin-Madison
Ph.D. Experimental (Cognitive) Psychology 1985 University of Wisconsin-Madison

Positions & Honors

2011: **Distinguished Contributions to Psychophysiology Award**
Society for Psychophysiological Research

2000-present **Research Professor**, University of Florida

1997-present **Associate Director, UF Center for the Study of Emotion & Attention**

2002 **President, Society for Psychophysiological Research**

1995-present **Director, Media Core, UF Center for the Study of Emotion & Attention**

1994-present **Faculty, University of Florida Brain Institute**

1994-2000 **Associate Research Professor, University of Florida**

1989-1993 **Assistant Research Scientist, University of Florida.**

1985-1987 **Post-doctoral research associate, University of Florida.**

1977-1983 **Graduate research and teaching assistant, University of Wisconsin-Madison.**

Teaching:

1991-present **Graduate Research Faculty, University of Florida**

1988-1989 **Visiting Lecturer, Psychology, University of Florida**

1980-1982 **Teaching assistant, University of Wisconsin-Madison**

Editorial responsibilities

Associate Editor, Psychophysiology, 2018-

Editor-In-Chief, Psychophysiology, 2003-2006.

Associate Editor, Psychophysiology, 1994-2002

Associate Editor, Journal of Abnormal Psychology, 2000-2002

Editorial boards: Motivation and Emotion (2000-present), Journal of General Psychology (1999-present), Journal of Abnormal Psychology (1993-1999)

Member, NIMH Clinical Neuroscience & Biological Psychopathology study section, 1995-1998.

Ad hoc member: Numerous NIMH, NIDA, and other NIH study sections.

Ad Hoc reviewer (Representative journals)

Psychological Review, Psychological Bulletin, Journal of Cognitive Neuroscience; Cognition & Emotion; JEP: Learning, Memory & Cognition; Psychological Science, International Journal of Psychology; Biological Psychology; Biological Psychiatry; Behavior Research Methods; Journal of Psychophysiology; Journal of Communication; Neuroscience Letters, Personality and Social Psychology Bulletin, Journal of Neuroscience, NIDA, NIMH, NSF, MacArthur Foundation.

Membership in Professional Societies

Society for Psychophysiological Research

Program Committee, 1993, 1995, 1997, 1999, 2010, 2011
 Program Chair, 1996
 Board of Directors, 1996 - 1999
 Chair, Tursky Award Committee, 2003
 Member, Senior Award Committee, 2003
 Convention Sites Committee, Chair, 2012-2015
 Publication Committee, 2012-2015
 Ad Hoc Strategic Planning, 2015
 Convention Sites Committee, 2016-2019
 Member, Nomination Committee, 2017
American Psychological Association

Publications

- Glenberg, A. M., & Bradley, M. M. (1979). Mental contiguity. *Journal of Experimental Psychology: Human Learning and Memory*, 5, 88-97.
- Glenberg, A. M., Bradley, M. M., Stevenson, J., Kraus, T., Tkachuck, M., Gretz, A., ... Turpin, B. (1980). A two-process account of long-term serial position effects. *Journal of Experimental Psychology: Human Learning and Memory*, 6, 355-369.
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- Epstein, W., Glenberg, A. M., & Bradley, M. M. (1984). Coactivation and comprehension: Contribution of text variables to the illusion of knowing. *Memory and Cognition*, 12, 355-360.
- Lang, P. J., Greenwald, M. K., & Bradley, M. M. (1988). *The international affective picture system standardization procedure and initial group results for affective judgments* (Technical Report 1B). University of Florida, Gainesville, FL.
- Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (1988). Perceptually driven movements as contextual retrieval cues. *Bulletin of the Psychonomic Society*, 26, 541-543.
- Lang, P. J., Bradley, M. M., & Cuthbert, B. N. (1990). Emotion, attention, and the startle reflex. *Psychological Review*, 97, 377-398.
- Lang, P. J., Cuthbert, B. N., & Bradley, M. M. (1990). Emotion, psychopathology and the startle reflex. In H. G. Zaporoczký & T. Wenzel (Eds.), *The scientific dialogue: From basic research to clinical intervention. Annual series of European research in behavior therapy*, (pp. 27-32). Amsterdam: Swets & Zeitlinger.
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- Hamm, A. O., Greenwald, M. K., Bradley, M. M., & Cuthbert, B. N. (1991). The fear potentiated startle effect: Blink reflex modulation as a result of classical aversive conditioning. *Integrative Physiological and Behavioral Science*, 26, 119-126.
- Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (1991). Startle and emotion: Lateral acoustic probes and the bilateral blink. *Psychophysiology*, 28, 285-295.
- Lang, P. J., Bradley, M. M., & Cuthbert, B. N. (1992). A motivational analysis of emotion: Reflex-cortex connections. *Psychological Science*, 3, 44-49.
- Bradley, M. M., Greenwald, M. K., Petry, M., & Lang, P. J. (1992). Remembering pictures: Pleasure and arousal in memory. *Journal of Experimental Psychology: Learning, memory, and cognition*, 18, 379-390.
- Bradley, M. M., Greenwald, M. K., & Hamm, A. O. (1993). Affective picture processing. In N. Birbaumer & A. Ohman (Eds.), *The structure of emotion: Psychophysiological, cognitive, and clinical aspects*. Toronto: Hogrefe & Huber.

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- Patrick, C. J., Bradley, M. M., & Lang, P. J. (1993). Emotion in the criminal psychopath: Startle reflex modulation. *Journal of Abnormal Psychology, 102*, 89-92.
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- Bradley, M. M., Lang, P. J., & Cuthbert, B. N. (1993). Emotion, novelty and the startle reflex: Habituation in humans. *Behavioral Neuroscience, 107*, 970-980.
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- Bonnet, M., Bradley, M. M., Lang, P. J., & Requin, J. (1995). Modulation of spinal reflexes: Arousal, pleasure, action. *Psychophysiology, 32*, 367-372.
- Bradley, M. M. (1996). Gonna change my way of thinking. *Contemporary Psychology, 41*, 258-260.
- Morris, M. R., Blashfield, R. K., Rankupalli, B., Bradley, M. M., & Goodman, W. K. (1996). Subclinical obsessive compulsive disorder in college students. *Depression and Anxiety, 4*, 233-236.
- Cuthbert, B. N., Bradley, M. M., & Lang, P. J. (1996). Probing picture perception: Activation and emotion. *Psychophysiology, 33*, 103-111.
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- Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (1996). Picture media and emotion: Effects of a sustained affective context. *Psychophysiology, 33*, 662-670.
- Heesacker, M., & Bradley, M. M. (1997). Beyond feelings: Psychotherapy and emotion. *Counseling Psychologist, 25*, 201-219.
- Lane, R. D., Reiman, E. M., Bradley, M. M., Lang, P. J., Ahern, G. L., Davidson, R. J., & Schwartz, G. E. (1997). Neuroanatomical correlates of pleasant and unpleasant emotion. *Neuropsychologia, 35*, 1437-1444.
- Lang, P. J., Bradley, M. M., & Cuthbert, M. M. (1997). Motivated attention: Affect, activation and action. In P. J. Lang, R. F. Simons & M. T. Balaban (Eds.), *Attention and orienting: Sensory and motivational processes* (pp. 97-135). Hillsdale, NJ: Lawrence Erlbaum Associates, Inc.
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- Bradley, M. M., & Lang, P. J. (1999). International affective digitized sounds (IADS): Stimuli, instruction manual, and affective ratings, Technical report B-2. University of Florida, Gainesville, FL.
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- Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (2015). Massed and distributed repetition of natural scenes: Brain potentials and oscillatory activity. *Psychophysiology*, *52*, 865-72.
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- Bradley, M. M., Costa, V. D., & Lang, P. J. (2015). Selective looking at natural scenes: Hedonic content and gender. *International Journal of Psychophysiology*, *98*, 54-58.
- Sege, C. T., Bradley, M. M., & Lang, P. J. (2015). Prediction and perception: Defensive startle modulation. *Psychophysiology*, *52*, 1664-1668.
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- Lang, P. J., McTeague, L. M., & Bradley, M. M. (2016). RDoC, DSM, and the reflex physiology of fear: A bio-dimensional analysis of the anxiety disorders spectrum. *Psychophysiology*, *53*, 336-347.

- Renfroe, J. B., Bradley, M. M., Sege, C. T., & Bowers, D. (2016). Emotional modulation of the late positive potential during picture free viewing in older and young adults. *PLoS One*, *11*, e0162323.
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- Bradley, M. M., & Lang, P. J. (2017). *Affective Norms for English Words (ANEW): Instruction manual and affective ratings* (Technical Report C-3). Gainesville, FL: UF Center for the Study of Emotion and Attention.
- Bradley, M. M., & Lang, P. J. (2017). Emotion in body and brain: Context dependent action and reaction. In R. Davidson, A. Shackman, A. Fox & R. Lapate (Eds.), *The nature of emotion*, Oxford University Press.
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- Ferrari, V., Codispoti, M., & Bradley, M. M. (2017). Repetition and ERPs during emotional scene processing: A selective review. *International Journal of Psychophysiology*, *111*, 170-177.
- Bradley, M. M. (2017). The science pendulum: From programmatic to incremental - and back? *Psychophysiology*, *54*, 6-11.
- Sege, C. T., Bradley, M. M., & Lang, P. J. (2017). Escaping aversive exposure. *Psychophysiology*, *54*, 857-863.
- Bradley, M. M., & Lang, P. J. (2017). *Affective Norms for English Words (ANEW): Instruction manual and affective ratings* (Technical Report C-3). University of Florida, Gainesville, FL.
- Sege, C. T., Bradley, M. M., Weymar, M., & Lang, P.J. (2017). A direct comparison of appetitive and aversive anticipation: Overlapping and distinct neural activation. *Behavioral Brain Research*, *326*, 96-102.
- Bradley, M. M., Karlsson, M., & Lang P. J. (2017). Assessing hedonic bias in emotional scene memory: Implications for clinical science. *Zeitschrift für Psychologie*, *225*, 223–231.
- Bradley, M. M., Sapigao, R., & Lang, P. J. (2017). Sympathetic ANS modulation of pupil diameter in emotional scene perception: Effects of hedonic content, brightness, and contrast. *Psychophysiology*, *54*, 1419-1435.
- Bradley, M. M., Zlatař, Z. Z., & Lang, P. J. (2018). Startle reflex modulation during threat of shock and "threat" of reward. *Psychophysiology*. Advance online publication.
- Lang, P. J., Herring, D. R., Duncan, C., Richter, J., Sege, C. T., Weymar, M., Limberg, A., Hamm, A. O., & Bradley, M. M. (in press). The startle-evoked potential: Negative affect and severity of pathology in anxiety/mood disorders. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
- Henderson, R. R., Bradley, M. M., & Lang, P. J. (2017). Emotional imagery and pupil diameter. *Psychophysiology*. Advance online publication.
- Sege, C. T., Bradley, M. M., & Lang, P. J. (2018). Avoidance and escape: Defensive reactivity and trait anxiety. *Behavioral Research and Therapy*, *104*, 62-68.
- Weymar, M., Bradley, M. M., Sege, C. T., & Lang, P. J. (in press). Neural activation and memory for natural scenes: Explicit and spontaneous retrieval. *Psychophysiology*.
- Bradley, M. M. & Lang, P. J. (in press). Emotion in body and brain: Context dependent action and reaction. In R. Davidson, A. Shackman, A. Fox & R. Lapate (Eds.), *The nature of emotion*, Oxford University Press.
- Lang, P. J., & Bradley, M. M. (in press). What is emotion? A natural science perspective. In R. Davidson, A. Shackman, A. Fox & R. Lapate (Eds.), *The nature of emotion*, Oxford University Press.
- Thigpen, N., Bradley, M. M., & Keil, A. (in press). Quantifying the relationship between pupil diameter and visuo-cortical activity via the steady-state visual evoked potential. *Journal of Vision*.

Invited addresses, workshops, and symposia

- Bradley, M. (1988, March). *Emotion, context, and memory: The response information connection*. Paper presented at Emotion: Image and action; A conference on theory and research in psychopathology, performance, and cognition. Gainesville, Florida.
- Lang, P. J., & Bradley, M. M. (1990, June). *The use of psychophysiological methods in clinical diagnosis and the assessment of treatment*. Pre-conference workshop. Stress, Anxiety and Emotional Disorders. Braga, Portugal.
- Bradley, M. M. (1992, May). *Emotional memory: A dimensional perspective*, Invited address given at "The Emotions: Conference in honour of Nico H. Frijda", sponsored by The Royal Netherlands Academy of Arts and Sciences, Amsterdam, The Netherlands.
- Bradley, M. M., & Lang, P. J. (1992, August). *Emotional processing: Perception, imagery, & memory*. Paper presented in a Symposium entitled "Experimental approaches to emotion and cognition" at the International Society for Research in Emotions. Pittsburgh, Pennsylvania.
- Bradley, M. M. & Cuthbert, B.N. (1993). *Affective modulation of startle in normal & clinical samples*. Paper presented at the meeting of the American Psychological Society in a symposium entitled "Some startling facts about affect and anxiety: Reflex modulation in animals and humans" Chair: Margaret Bradley. Chicago, IL.
- Bradley, M. M. (1993, December). *The psychophysiology of emotion*. Invited address given at 'The brain and emotion', the 19th Annual course in Behavioral Neurology and Neuropsychology, Orlando, Florida.
- Bradley, M. M. (1994, September). *Memory for emotional scenes*. Symposium paper presented at the 24th Congress of The European Association for Behavioral and Cognitive Therapies. Corfu, Greece.
- Bradley, M. M. (1994, October). *On blinks and brains*. Invited address presented at the 34th Annual Meeting for the Society for Psychophysiological Research, pre-conference symposium honoring Frances K. Graham. Atlanta, GA.
- Bradley, M. M. (1994, July). *Memory for emotional scenes*. Symposium paper presented at the 23rd International Congress of Applied Psychology in Madrid, Spain.
- Bradley, M.M. (1996, August). *Motivation and psychopathology: Startling findings*. Paper presented at the Annual Meeting of the American Psychological Association, Toronto, Canada.
- Bradley, M.M. (1996, December). *Emotion in perception: Affect, behavior, and physiology*. Invited address presented at The Interface of Emotion and Cognitive Neuroscience Conference, University of Arizona.
- Lang, P.J., & Bradley, M.M. (1996, September) *Psychological nature of stress*. Invited address presented at the University of Granada, Spain.
- Bradley, M.M. (1996, December). *Emotional perception: Reflexes, physiology, & verbal report*. Invited address, International Neuropsychological Society annual meeting, Orlando, FL.
- Lang, P.J., & Bradley, M.M. (1997, May). *Emotion and cognition*. Invited presentation, "Neural substrates of cognitive functions. Conference in honor of Jean Requin (1938-1996), CNRS, Marseille, France.
- Bradley, M.M. (1997, June). *Neuroimaging of emotion*. Invited address, International Conference on Emotion and Stress, Granada, Spain.
- Bradley, M.M. (1997, October). *Show me the \$\$\$! Tips for preparing grant applications*. Presentation, Society for Psychophysiological Research, Cape Cod, MA.
- McManis, M, Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (1997, March). Kids like to watch: Psychophysiological responses to emotional pictures. Symposium presentation at the annual meeting of the Society for Research in Child Development.
- Lang, P. J., Cuthbert, B. N., & Bradley, M. M. (1997, May). Emotion and the anxiety disorders: A psychophysiological analysis. Symposium presentation at the annual meeting of the American Psychological Society, Washington, DC.
- Cuthbert, B. N., Sullivan, E. R., Strauss, C., Bradley, M. M., & Lang, P. J. (1997). Specific phobia and other anxiety disorders. Symposium presented at the annual meeting of the Society for Psychophysiological Research, Cape Cod, MA.
- Bradley, M. M., Lang, P. J., Fitzsimmons, J. R., Cuthbert, B. N., & Sabatinelli, D. (1998, September). *Emotional images: Arousal and activation*. Symposium presentation, Society for Psychophysiological Research, Denver, CO.

- Bradley, M. M. (1998, October). *Psychophysiology of emotional perception*. Invited lecture, Emotions, Qualia, & Consciousness Conference. Ischia, Italy.
- Bradley, M. M. (1998, October). *Emotion and memory*. Invited lecture, Emotions, Qualia, & Consciousness Conference. Ischia, Italy.
- Bradley, M.M. (1998, March). *The conscious experience of emotion: Measurement and function*. On-Line conference: The Interface of Emotion, Consciousness, and Cognitive Neuroscience.
- Bradley, M. M. (1998, August). *Imaging emotion: Perception and activation*. Invited, Cognitive Science Society, Madison, WI.
- Bradley, M. M., Lang, P. J., Fitzsimmons, J. R., Cuthbert, B. N., & Sabatinelli, D. (1998, September). *Emotional images: Arousal and activation*. Paper presentation, Society for Psychophysiological Research, Denver, CO.
- Lang, P. J. & Bradley, M. M. (1999, October). *The defense cascade*. Paper presentation, Society for Psychophysiological Research, Granada, Spain.
- Hackley, S. A., Bradley, M. M., Valle-Inclan, & Thayer, J. (1999, October). *Integrating peripheral and central psychophysiological measures*. Paper presentation, Society for Psychophysiological Research, Granada, Spain.
- Lang, P. J., & Bradley, M. M. (1999, October). *The role of the amygdala in animal models of human emotion*. Invited presentation at a symposium entitled "The emotional basis of behavior: held at the Sonderforschungsbereich, Tutzing, Germany.
- Lang, P. J. & Bradley, M. M. (1999, June). *Emotional perception: Media and affective arousal*. Invited presentation, Neuroscience and Basic Behavioral Science Centers Meeting, NIMH, Washington, DC.
- Lang, P. J., & Bradley, M. M. (2000, January). *Altered states of reality: Imagery, media and virtual perception*. Invited presentation, ASC-Symposium, Sils Maria, Switzerland.
- Bradley, M. M. & Lang, P.J. (2000, June). *International affective picture system as a tool in psychosomatic research*. Workshop at the 23rd European Conference on Psychosomatic Research, Oslo, Norway.
- Bradley, M. M., & Lang, P. J. (2000, July). *Imaging human emotion: Psychophysiological measurement of the brain and its efferent systems during affective stimulation*. Workshop at the International Congress of Psychology, Stockholm, Sweden.
- Bradley, M. M. & Lang, P. J. (2001, March). *Dental fear and the anticipation of pain*. Invited presentation at the American Association of Dental Research, Chicago, IL.
- Bradley, M. M. (2001, May). *Emotion captures attention: How motivation drives cognition*. Invited presentation at the Acquisition and representation of affect: Psychophysiological approaches to learning, affect and health, Lignely, Belgium.
- Bradley, M. M. (2001, June). *Emotional perception: Psychophysiology and brain imaging*. Invited presentation at the II International Conference on Emotion and the Brain, Palma de Mallorca, Spain.
- Bradley, M. M. (2002, March). *Emotional memory: Arousal and attention*. Invited presentation at the Southern Workers in Memory (SWIM) group at the meeting of the Southeastern Psychological Association, Orlando, FL.
- Bradley, M. M. (2002, May). *The psychophysiology of fear and anxiety*. Keynote speaker at annual meeting of German Clinical Psychologists. Konstanz, Germany.
- Bradley, M. M. (2002, October). *Natural selective attention: Emotion in perception*. Presidential Address at the 42nd Annual Meeting of the Society for Psychophysiological Research, Washington, D.C.
- Bradley, M. M. (2003, May). *Natural Selective Attention: Emotion in Perception*. Invited presentation at the III International Conference on Emotion and the Brain, Lisbon, Portugal.
- Bradley, M. M. (2003, September). *Emotion and natural selective attention*. Invited address given at the 10th Annual Meeting of the International Society for the Advancement of Respiratory Psychophysiology (ISARP), Leuven, Belgium.
- Smith, J. C., Bradley, M. M., Scott, R. P., & Lang, P. J. (2003, October). *Physical activity promotes normal emotional reactivity among individuals with high negative affect*. Poster session presented at the "Physical activity and mental health: a multidisciplinary approach" meeting hosted by the Cooper Institute, Dallas, TX.

- Bradley, M. M. (2004, March). Fearfulness and affective responses to pictures. Symposium presentation at the annual meeting of the Anxiety Disorders Association of America, Miami, FL.
- Bradley, M. M. (2005, July). Emotion and orienting. Invited talk, European Congress of Psychology, Granada, Spain.
- Lang, P. J. & Bradley, M. M. Big Science. (2006, February). Invited presentation, Counsel of Graduate Departments of Psychology, Sarasota, FL.
- Bradley, M. M. (2004, March). Fearfulness and affective responses to pictures. Symposium presentation at the annual meeting of the Anxiety Disorders Association of America, Miami, Florida.
- Bradley, M. M. (2004, September). Understanding emotional language content. Keynote address at the Center for Junior Research Fellows Konstanz and Young Scientist Program of the Heidelberg Academy of Science. Freiburg, Germany.
- Bradley, M. M., Löw, A., & Lang, P. J. (2004). Affective modulation of perceptual and cognitive processes in picture viewing. *Psychophysiology*, 41, S13.
- Bradley, M. M. & Lang, P. J. (2005, January). Does it matter how we feel when we think? Emotions and ERPs. Invited presentation at the NITOP Annual Carmel Meeting on Cognitive Psychophysiology. St. Petersburg, Florida.
- Dimoulas, E., Bradley, M. M., & Lang, P. J. (November, 2004). The tendency to see the glass half empty: Examination of the arousal bias. Symposium presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- McTeague, L. M., Laplante, M.-C., Perlman, G., Strauss, C. C., Bradley, M. M., & Lang, P. J. (November, 2004). Psychophysiology of Narrative Imagery among anxiety patients. Symposium presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- Smith, J. C., Loew, A., Laplante, M.-C., Perlman, G., Strauss, C., Bradley, M. M., & Lang, P. J. (November, 2004). Sustained exposure to emotional pictures: Effects of mood state. Symposium presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- Bradley, M. M., Silakowski, T., & Lang, P. J. (2005, September). Threat of shock and threat of reward: Aversive and appetitive reinforcers. Symposium presentation at the 45th Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal. *Psychophysiology*, S14.
- Bradley, M. M. Emotion and orienting. (2006, September). Invited talk, Heidelberg.
- Bradley, M. M. Startle, ERPs and Emotion. (June, 2006). Invited talks. MD Anderson Cancer Center, Houston, Texas.
- Bradley, M.M. (2007, October). Startle and Defense. Paper presented in a symposium entitled The Defense Cascade. 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Bradley M. M. (2008, April). Motivation, attention, and emotion. Invited lecture, Mind Lecture Series, University of Kansas, Lawrence, Kansas, April, 2008.
- Bradley, M.M. (2008, July). Defensive learning and the brain: Virtual reinforcers. Invited Symposium, "Emotion and the brain", XXIX International Congress of Psychology, Berlin, Germany, July, 2008.
- Bradley, M.M. (2008, September). Emotion and attention: Orienting and defense, Keynote Address, Spanish Psychophysiology Society annual meeting, Castellon, Spain, Sept. 2008
- Bradley, MM (2009). Neural processes in affective perception. Invited speaker, *The Neuroscience of Emotion: From Reaction to Regulation*. Tufts University, June 4-6, Medford, MA. (Jointly sponsored by APA & Tufts University).
- Bradley, MM (2009). Natural selective attention and motivation. Invited speaker, 13th annual *Spielberger EMPathy Symposium on Emotion, Motivation, and Personality*. Annual meeting of the American Psychological Association, August, 2009. Toronto.
- Bradley, MM (2009). Psychophysiology of emotion and attention. Invited participant, Autumn workshop: *Experimental research in forensic populations*, Sept. 10-12, Seon, Germany.
- Bradley, MM (2009). Affect and attention in perception. Invited speaker, *Perception and Motivation*, University of Bologna, September 14-16, Bologna, Italy.

- Bradley, MM (2009). Tracking the eye: Hedonic content, complexity, and choice. Symposium presentation, Annual Meeting of the *Society for Psychophysiological Research*, Oct. 21-24, Berlin, Germany.
- Bradley, MM (2009). Explicit and implicit remembering. Symposium presentation, Annual Meeting of the *Society for Psychophysiological Research*, Berlin, Germany.
- Bradley, MM (2009). ERPS in affective perception: Complexity, novelty, and significance. Symposium presentation, *EPIC (Evoked Potential International Congress)* meeting, April 22-24, Bloomington, Indiana.
- Bradley, MM (2009). Psychophysiology of emotion and attention. Invited participant, Autumn workshop: "Experimental research in forensic populations", Sept. 10-12, Seeon, Germany.
- Bradley, MM (2009). Affect and attention in perception. Invited speaker, "Perception and Motivation", University of Bologna, September 14-16, Bologna, Italy.
- Bradley, MM (2010). Invited address, Biological Psychology Section of the German Society of Psychology and the Society of Psychophysiology. June 10-12, Greifswald, Germany.
- Bradley, MM (2010). Invited Address. Repetitive emotional exposure: Habituation, adaptation, and memory. *Changing People/ Changing Brains. Challenges for Interdisciplinary Research on Human Learning and Development Across the Life-Span*, April 9-10, Konstanz, Germany.
- Bradley, MM (2010). Invited address: Learning, memory and brain plasticity: Implications for psychopathology, October 21-23, Mannheim Castle, Germany
- Bradley, MM. (2010, October). Everything old is new again. In J. J. B. Allen (Chair), *Psychophysiology in the next fifty years*. Symposium presented at the 50th annual meeting of the Society for Psychophysiological Research, Portland, Oregon.
- Costa, V. D., Bradley, M. M., Sabatinelli, D., & Lang, P. J. (2010, September). Reward circuit activation and connectivity during emotional imagery and perception. In V. D. Costa (Chair), *B.O.L.D. statements on human reward processing*. Symposium presented at the 50th annual meeting of the Society for Psychophysiological Research, Portland, Oregon.
- Bradley, MM (2011). Invited Address: Novelty and significance: Repeated exposure to emotional cues. *Affective Regulation Neuroscience of Emotion (ARNE)* meeting, Feb 3-14, 2011, Nobel Forum, Stockholm, Sweden.
- McTeague, L. M., Costa, V. D., Bulls, H. W., Laplante, M-C., Bradley, M. M., & Lang, P. J. (2011, September). Defensive response heterogeneity and the anxiety disorder spectrum: From focal fear to broad distress. In W. D'Andrea & G. J. Siegle (Chairs), *Blunted affect: The other side of physiological reactivity in psychopathology*. Symposium presented at the 51st annual meeting of the Society for Psychophysiological Research, Boston, MA.
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- Smith, J. C., Scott, R. P., Bradley, M. M., & Lang, P. J. (2003, May). Physical activity promotes normal emotional reactivity among individuals with high negative affect. *Psychophysiology*, *40*, S81.
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- Smith, J. C., Scott, R. P., Bradley, M. M., & Lang, P. J. (2003, November). The reflex physiology of emotion: Effects of negative affect and physical activity history. Poster session presented at the 37th Association for the Advancement of Behavior Therapy Annual Convention, Boston, MA.
- Smith, J. C., Scott, R. P., Bradley, M. M., & Lang, P. J. (2003, November). The reflex physiology of emotion: Effects of negative affect and physical activity history. Poster session presented at the 37th Association for the Advancement of Behavior Therapy Annual Convention, Boston, MA.
- McTeague, L. M., Dimoulas, E., Cuthbert, B., Bradley, M. M., Strauss, C. C., & Lang, P. J. (2003, October). Psychophysiology and PTSD: Emotional reactivity during imagery. Poster presentation at the annual International Society for Traumatic Stress Studies, Chicago, IL.
- McTeague, L.M., Dimoulas, E., Strauss, C.C., Bradley, M.M. & Lang, P.J. (2003, October). Generalized psychopathology: PTSD relative to other anxiety disorders. Poster presented at the 19th Annual Meeting of the International Society for Traumatic Stress studies, Chicago, IL.
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- McTeague, L. M., Laplante, M. C., Strauss, C., Bradley, M. M., & Lang, P. J. (November, 2004). Comorbid Symptoms & Constructs of Negative Affect: A Confirmatory Factor Analysis. Poster presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Bradley, M. M., & Lang, P. J. (2004). Physiological reactivity in social phobia: Influence of avoidant personality disorder features. *Psychophysiology*, *41*, S56.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Bradley, M. M., & Lang, P. J. (November, 2004). Symptom severity & physiological reactivity in social phobia. Poster presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C., Cuthbert, B. N., Bradley, M. M., & Lang, P. J. (November, 2004). PTSD & specific phobia: Similar psychophysiology? Poster presentation at International Society for Traumatic Stress Studies, New Orleans, LA.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Cuthbert, B., Bradley, M. M. & Lang, P. J. (November 2004). Psychophysiology of PTSD: Influence of comorbid anxiety disorder. Poster presentation at the 38th Association for the Advancement of Behavior Therapy Annual Convention, New Orleans, LA.
- Miccoli, L., Bradley, M. M., Escrig, M. A., & Lang, P. J. (2004). Looking at the eye looking at pictures. *Psychophysiology*, *41*, S57.
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- Guerra, P. M., Bradley, M. M., Van Diest, I., Vila, J., & Lang, P. J. (2005, September). Defensive reactions to natural human screams and aversive white noise. *Psychophysiology*, S60.
- Löw, A., Lang, P. J., & Bradley, M. M. (2005, September). What pops out during rapid picture presentation? *Psychophysiology*, S81.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Cuthbert, B. N., Bradley, M. M., & Lang, P. J. (2005, September). Psychophysiology of social phobia: Fear & depressions. *Psychophysiology*, S88.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Cuthbert, B. N., Bradley, M. M., & Lang, P. J. (2005, September). Anxiety spectrum disorders: Discrete diagnosis or continuum of severity. *Psychophysiology*, S88.
- Miccoli, L., Bradley, M. M., & Lang, P. J. (2005, September). Ocular and electrodermal responses to pictures and probes. *Psychophysiology*, S89.
- Molto, J., Pastor, M. C., Poy, r., Montanes, S., Segarra, P., Tormo, M. P., & Bradley, M. M. (2005, September). ERP reactivity to smoking cues: Activating the appetitive system. *Psychophysiology*, S91.
- Perlman, G., Löw, A., Keil, A., Calvo, M. G., Bradley, M. M., & Lang, P. J. (2005, September). Parafoveal picture presentation: Emotion and attention. *Psychophysiology*, S100.

- Sabatinelli, D., Bradley, M. M., & Lang, P. J. (2005, September). Affective picture processing: fast functional imaging. Poster presentation at the 45th Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal. *Psychophysiology*, S6.
- Smith, J. C., Keil, A., Wangelin, B., Bradley, M. M., Sabatinelli, D., & Lang, P. J. (September, 2005). Single trial analysis of steady-state visual evoked potentials: Effects of emotional arousal. *Psychophysiology*, S116.
- Van Diest, I., Perlman, G., Bradley, M. M., Laplante, M. C., & Lang, P. J. (2005, September). Gasp! You startled me! Respiratory patterns to startling probes. *Psychophysiology*, S124.
- Versace, F., Bradley, M. M., Keil, A., Costa, V. D., Miccoli, L., & Lang, P. J. (2005, September). Remembering rapidly presented pictures: Conceptual and emotional features. *Psychophysiology*, S127.
- Heft, M., Meng, X., Bradley, M., & Lang, P. (2005). Sex differences in dental fear in adult Floridians. Poster presentation at the annual meeting of the International Association of Dental Research.
- Meng, X., Heft, M., Bradley, M. & P. Lang (2005). Effect of fear and other factors on oral health outcomes and behaviors. Poster presentation at the annual meeting of the International Association of Dental Research.
- McTeague, L. M., Laplante, M. C., Perlman, G., Strauss, C. C., Cuthbert, B. N., Bradley, M. M. & Lang, P. J. (2005, September). PTSD and specific phobia: Similar psychophysiology? Poster presented at the 2005 New York Academy of Sciences Meeting: Psychobiology of Posttraumatic Stress Disorder: A Decade of Progress, New York, NY.
- Keil, A., Smith, C. J., Wangelin, B., Sabatinelli, D., Bradley, M. M., Lang, P. J. (2005, September). Source space analysis of single EEG epochs in the frequency domain: An application for steady-state potentials. Poster presentation at the 45th Annual meeting of the Society for Psychophysiological Research, Lisbon, Portugal.
- Costa, V. D., Bradley, M. M., & Lang, P. J. (2006). Evaluating the impact of EMG signal characteristics on affective startle modulation. *Psychophysiology*, S31.
- Costa, V. D., Bradley, M. M., Sivinski, R. G., & Lang, P. J. (2006). Viewing preferences for different emotional categories. *Psychophysiology*, S31.
- Ferrari, V., Codispoti, M., Bradley, M. M., & Lang, P. J. (2006). Perceptual fluency speeds up affective modulation of ERPs. *Psychophysiology*, S38.
- Guerra, P.M., Bradley, M. M., Perakakis, P., Pinheiro, W. M., Vila, J. C., & Lang, P. J. (2006). Defensive reactions to natural human screams and aversive white noise (II). *Psychophysiology*, S43.
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- McTeague, L. M., Shumen, J. R., Marker, C. D., Laplante, M. C., Cuthbert, B. N., Bradley, M. M., & Lang, P. J. (2006). Attacking animals, leering audiences, and the psychophysiology of social phobia. *Psychophysiology*, S66.
- Sabatinelli, D., Versace, F., Costa, V. D., Bradley, M. M., & Lang, P. J. (2006). Selective nucleus accumbens and medial frontal cortex activation in appetitive picture processing. *Psychophysiology*, S84.
- Smith, J. C., McTeague, L. M., Löw, A., Laplante, M. C., Perlman, G., Bradley, M. M., & Lang, P. J. (2006). Processing rapidly presented affective pictures: Reflex physiology among anxiety disorder patients. *Psychophysiology*, S93.
- Versace, F., Bradley, M. M., & Lang, P. J. (2006). Recognition memory for emotional pictures presented at slow and fast rates. *Psychophysiology*, S7.
- McTeague, L. M., Lang, P. J., Laplante, M. C., Shumen, J. R., Cuthbert, B. N., & Bradley, M. M. (2006). Fearful imagery: Emotional reflexes, negative affect, and the anxiety disorder spectrum. Poster presentation at the 20th annual meeting of the Society for Research in Psychopathology.
- McTeague, L. M., Laplante, M. C., Shumen, J. R., Bradley, M. M., Cuthbert, B., & Lang, P. J. (2007). Psychophysiology of panic & agoraphobia: The influence of symptom severity on defensive reactivity. Poster presentation at the 21st annual meeting Iowa City, IA.

- Costa, V. D., Bradley, M. M., & Lang, P. J. (October, 2007). Pliant fear: Instructed reversal of anticipatory fear. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (October, 2007). Dissociating stimulus novelty and information value. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Ferrari, V., Bradley, M. M., Codispoti, M., & Lang, P. J. (October, 2007). How picture repetition affects attention and emotion. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Goldman, D. J, Cuthbert, B. N., Bradley, M. M., Patrick, C. J., & Lang, P. J. (October, 2007). Emotional perception and imagery: A translational approach to internalizing disorders. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Keil, A., Sabatinelli, D., Bradley, M. M., & Lang, P. J. (October, 2007). Emotional stimuli in the visual periphery successfully compete for resources with a foveal high-load primary task. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Löw, A., McTeague, L. M., Wangelin, B. C., Sivinski, R. G., Bradley, M. M., & Lang, P. J. (October, 2007). Frequency analysis of narrative imagery. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- McTeague, L. M., Shumen, J. R., Laplante, M. C., Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (2007). Chronic worry, somatic arousal, & the psychophysiology of generalized anxiety disorder. *Psychophysiology*, 44, Supplement 1, S48.
- Pastor, M. Carmen, Poy, Rosario, Segarra, Pilar, López, Raquel, Montañés, Susana, Moltó, Javier, & Bradley, M. M. (October, 2007). Threat of shock during picture viewing: An ERP study. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Sabatinelli, D., Sivinski, R. G., Versace, F., Bradley, M. M., & Lang, P. J. (October, 2007). Reliable sources: Dense EEG and fast fMRI in affective perception. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Smith, J. C., Bradley, M. M., & Lang, P. J. (October, 2007). Negative affect and the reflex physiology of emotion. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Van Diest, I., Bradley, M. M., Van Den Bergh, O., Guerra, P., & Lang, P. J. (October, 2007). Pavlovian conditioning of breathing behavior in a picture-noise fear conditioning paradigm. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Versace, F., Bradley, M. M., & Lang, P. J. (October, 2007). Recognition memory for emotional and non emotional pictures. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Wangelin, B. C., Löw, A., McTeague, L. M., Sivinski, R., Bradley, M. M., & Lang, P. J. (October, 2007). Take your mind off It: Affective perception and distraction. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Bradley, M.M. (2007, October). Startle and Defense. Paper presented in a symposium entitled The Defense Cascade. 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Costa, V. D., Bradley, M. M., & Lang, P. J. (2007, October). Pliant fear: Instructed reversal of anticipatory fear. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
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- Goldman, D. J, Cuthbert, B. N., Bradley, M. M., Patrick, C. J., & Lang, P. J. (2007, October). Emotional perception and imagery: A translational approach to internalizing disorders. Poster

- presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Keil, A., Sabatinelli, D., Bradley, M. M., & Lang, P. J. (2007, October). Emotional stimuli in the visual periphery successfully compete for resources with a foveal high-load primary task. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Löw, A., McTeague, L. M., Wangelin, B. C., Sivinski, R. G., Bradley, M. M., & Lang, P. J. (2007, October). Frequency analysis of narrative imagery. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- McTeague, L. M., Shumen, J. R., Laplante, M. C., Bradley, M. M., Cuthbert, B. N., & Lang, P. J. (2007). Chronic worry, somatic arousal, and the psychophysiology of generalized anxiety disorder [Abstract]. *Psychophysiology*, *44*, Supplement 1, S48.
- McTeague, L. M., Laplante, M. C., Shumen, J. R., Bradley, M. M., Cuthbert, B., & Lang, P. J. (2007). Psychophysiology of panic and agoraphobia: The influence of symptom severity on defensive reactivity. Poster presentation at the 21st annual meeting Iowa City, IA.
- McTeague, L. M., Laplante, M. C., Shumen, J. R., Bradley, M. M., Cuthbert, B., & Lang, P. J. (2007). Psychophysiology of panic and agoraphobia: The influence of symptom severity on defensive reactivity. Poster presentation at the 21st annual meeting Iowa City, IA.
- Pastor, M. Carmen, Poy, Rosario, Segarra, Pilar, López, Raquel, Montañés, Susana, Moltó, Javier, & Bradley, M. M. (2007, October). Threat of shock during picture viewing: An ERP study. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Sabatinelli, D., Sivinski, R. G., Versace, F., Bradley, M. M., & Lang, P. J. (2007, October). Reliable sources: Dense EEG and fast fMRI in affective perception. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Smith, J. Carson, Bradley, M. M., & Lang, P. J. (2007, October). Negative affect and the reflex physiology of emotion. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Van Diest, I., Bradley, M. M., Van Den Bergh, O., Guerra, P., & Lang, P. J. (2007, October). Pavlovian conditioning of breathing behavior in a picture-noise fear conditioning paradigm. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Versace, F., Bradley, M. M., & Lang, P. J. (2007, October). Recognition memory for emotional and non emotional pictures. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Wangelin, B. C., Löw, A., McTeague, L. M., Sivinski, R., Bradley, M. M., & Lang, P. J. (2007, October). Take your mind off it: Affective perception and distraction. Poster presentation at the 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Li, R., Principe, J., Bradley, M.M., & Ferrari, V. (2007) Single-trial ERP estimation based on spatio-temporal filtering has been accepted for presentation at The 3rd International IEEE EMBS Conference on Neural Engineering, May, 2007, in Kohala Coast, Hawaii, USA.
- Bradley, M.M. (2007, October). Startle and Defense. Paper presented in a symposium entitled The Defense Cascade. 47th Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
- Bradley, M. M., Ferrari, V., Karlsson, M., Codispoti, M., & Lang, P. J. (2008, October). Repetition and memory: Recognition performance and event-related potentials. *Psychophysiology*, *45*, S95.
- Costa, V. D., Bradley, M. M., & Lang, P. J. (2008, October). From bad to worse: Mutual effects of threat of shock and aversive perception. *Psychophysiology*, *45*, S25.
- Costa, V.D., Bradley, M.M, Versace, F., & Lang, P.J. (2008). Functional connectivity of premotor and limbic regions during emotional imagery. *Program No. 882.22. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.*
- Costa, V. D., Versace, F., Bradley, M. M., & Lang, P. J. (2008, October). Neural networks underlying narrative emotional imagery. *Psychophysiology*, *45*, S51.
- Karlsson, M., McTeague, L., Shumen, J., Laplante, M. C., Bradley, M. M., & Lang, P. J. (2008, November). PTSD and the anxiety spectrum: Comparative symptom profiles. Poster

- presented at the 24th Annual Meeting of the International Society for Traumatic Stress studies, Chicago, IL.
- Keil, A., Sabatinelli, D., Smith, J. C., Wangelin, B., Bradley, M. M., & Lang, P. J. (2008, October). Multimodal imaging of coherent sources during affective picture viewing. *Psychophysiology*, 45, S94.
- McTeague, L. M., Loew, A., Wangelin, B. C., Sivinski, R., Bradley, M. M., & Lang, P. J. (2008, October). Emotional imagery: Probe P3, beta band, activity, and motivational engagement. *Psychophysiology*, 45, S107.
- McTeague, L. M., Shumen, J. R., Laplante, M. C., Bradley, M. M., & Lang, P. J. (2008, October). Defensive reactivity in social phobia: Influence of fear generalization and chronicity. *Psychophysiology*, 45, S78.
- Shumen, J. R., McTeague, L. M., Laplante, M. C., Bradley, M. M., & Lang, P. J. (2008, October). Response mobilization in panic disorder and the role of agoraphobia. *Psychophysiology*, 45, S78.
- Shumen, J. R., McTeague, L. M., Laplante, M-C, Lang, P. J., & Bradley, M. M. (2008, September). Phasic and tonic electrodermal activity across the anxiety disorder spectrum. Paper presented at the 22nd Annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.
- Wangelin, C. B., Loew, A., McTeague, L. M., Sivinski, R. G., Bradley, M. M., & Lang, P. J. (2008, November). Emotional reactivity during distraction and the role of negative affect. Poster presented at the 42nd Annual Convention of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
- Wangelin, B. C., Versace, F., Bradley, M. M., Davenport, P., & Lang, P. J. (2008, October). Threat of suffocation? Defensive activation and respiratory load]. *Psychophysiology*, 45, S25.
- Costa, V.D., Bradley, M.M., & Lang, P.J., (2009). Emotional imagery activates reward circuits. *Psychophysiology*, 46:S63
- Costa, V.D., Bradley, M.M., & Lang, P.J., (2009). Fear less! Neural correlates of fear reversal. *Psychophysiology*, 46:S63
- McTeague, LM, Lang, PJ, Laplante, MC, Shumen, JR, Bradley, MM & Cuthbert, BN (2009). The image of fear: anxiety diagnosis, negative affectivity and the reflex physiology of defense. *Psychophysiology*, 46: S8.
- Costa, VD, Lang, PJ, Bradley, MM (2009). Emotional imagery activates reward circuits. *Psychophysiology*, 46, S38.
- Wangelin, BC, Bradley, MM, & Lang, PJ. (2009). Fast and easy: Reflex modulation for simple pictures. *Psychophysiology*, 46: S38.
- Sabatinelli, D., Keil, A., Bradley, MM & Lang, PJ (2009). Emotional perception in depressives and controls: Rapid functional imaging. *Psychophysiology*, 46, S38.
- von Leupoldt, A, Vovk, A, Bradley, MM, Keil, A, Lang, PJ & Davenport, PW (2009). The influence of emotion on respiratory-related evoked potentials. *Psychophysiology*, 46, S99.
- Ferrari, V, Bradley, MM, Karlsson, M, Codispoti, M & Lang, PJ (2009). Old-new ERP effects during explicit and implicit recognition of affective pictures. *Psychophysiology*, 46, S99.
- Dietz, J.B., Bradley, M.M., Oken, M.S, & Bowers, D. (2010). The pupil as a measure of emotional arousal in Parkinson's disease. *Psychophysiology*, 47, S29
- von Leupoldt, A., Chan, P.Y., Bradley, M.M., Lang, P.J, & Davenport, P.W. (2010) The influence of anxiety on the neural processing of respiratory sensations. *Psychophysiology*, 47, S81.
- Wangelin, B.C., Bradley, M.M., & Lang, P.J. (2010). Processing picture prepulses: Attention capture by emotional and neutral images. *Psychophysiology*, 47, S29.
- Costa, V.D., McTeague, L.M., Bradley, M.M., & Lang, P.J. (2010). Timing of hedonic discrimination in mesolimbic reward centers. *Psychophysiology*, 47, Supplement 1, S29.
- McTeague, L.M., Costa, V.D., Bradley, M.M., & Lang, P.J. (2010). Neural correlates of picture processing: Motive circuits and depression. *Psychophysiology*, 47, Supplement 1, S50.
- Shumen, J.R., McTeague, L.M., Lang, P.J., Laplante, M-C., Bradley, M.M., &. (2010). Situational avoidance, interoceptive sensitivity, & the psychophysiology of panic disorder. *Psychophysiology*, 47, Supplement 1, S82.
- McTeague, L.M., Lang, P.J., Laplante, M-C., Shumen, J.R., Bradley, M.M., &. (2010). Emotional imagery in specific phobia: Fear focus, intensity, & comorbidity. *Psychophysiology*, 47, Supplement 1, S82.

- Bradley, M. M. (2011). Unique design concerns imaging sexual reward processing. *Psychophysiology*, 48, S13. Boston, Mass, Sept, 2011.
- Henderson, R. R., Bradley, M. M. & Lang, P. J. (2011). The pupil and affective picture viewing: Brightness and beyond. *Psychophysiology*, 48, S49. Boston, Mass, Sept, 2011.
- McTeague, L. M., Bulls, H. W., Wangelin, B. C., Laplante, M-C., Bradley, M. M., & Lang, P. J. (2011). Defensive mobilization amidst pervasive distress: Response profiles in GAD. *Psychophysiology*, 48, S70. Boston, Mass, Sept, 2011.
- McTeague, L. M., Costa, V. D, Bulls, H. W., Laplante, M-C., Bradley, M. M., & Lang, P. J. (2011). Defensive response heterogeneity and the anxiety disorder spectrum: From focal fear to broad distress. *Psychophysiology*, 48, S9. Boston, Mass, Sept, 2011.
- Sege, C. T., Bradley, M. M., & Lang, P. J. (2011). Anticipation, affect, and attention: Central and peripheral processes. *Psychophysiology*, 48, S49-S50. Boston, Mass, Sept, 2011.
- Von Leupoldt, A., Chan, P-Y. S., Bradley, M. M., Lang, P. J. & Davenport, P. W. (2011). The impact of anxiety on the neural processing of respiratory sensations. *Psychophysiology*, 48, S5-S6. Boston, Mass, Sept, 2011.
- Wangelin, B. C., Kastner, A., Bradley, M. M. & Lang, P. J. (2011). Looking at faces and scenes: The role of social anxiety. *Psychophysiology*, 48, S49. Boston, Mass, Sept, 2011.
- Weymar, M., Bradley, M. M., Hamm, A. O., & Lang, P. J. (2011). Anticipatory anxiety and emotional memory. *Psychophysiology*, 48, S49. Boston, Mass, Sept, 2011.
- Bradley, M. M., Henderson, R. R., Houbova, P., & Lang, P. J. (2012). The pupil and picture perception: Emotion, repetition, and memory. *Psychophysiology*, 49, S58.
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