

Curriculum Vitae

Keith M. Welker

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Professional Experience

- 2015-Present Assistant Professor
 Department of Psychology, University of Massachusetts Boston
- 2014-2015 Postdoctoral Fellow
 Department of Psychology, University of Oregon (PI: Pranjali Mehta)
 Department of Psychology and Neuroscience, University of Colorado
 Boulder (PI: June Gruber)
- 2009-2014 Teaching and Research Assistant
 Department of Psychology, Wayne State University
- 2012-2013 Statistical Consultant
 Research Design and Analysis Unit, Department of Psychology,
 Wayne State University

Education

- 2014 Ph.D., Social Psychology, Wayne State University
- 2012 M.A., Social Psychology, Wayne State University
- 2008 B.S., Psychology, Grand Valley State University
- 2006 A.A., Alpena Community College

Awards and Funding

Note: I have been actively submitting proposals to NSF, NIMH, the Harry Frank Guggenheim Foundation, and the John Templeton Foundation.

- 2015 Research funds from the Dean's Office and Psychology Department,
 University of Massachusetts Boston
- 2014 Ross and Margaret Stagner Memorial Award, Wayne State University,
 \$500
- 2013-2014 Competitive Rumble Fellowship, Wayne State University, 2013, \$16,000

- 2013 Graduate Student Poster Day Award, Wayne State University, 2013
- 2013 Pass with Distinction, Doctoral Qualifying Exam, Wayne State University
- 2013 Graduate Student Travel Award, Wayne State University, \$760
- 2009 Student Travel Grant, Grand Valley State University, 2009

Keywords and Research Interests

Aggression, dominance, and status-seeking
Social relationships, closeness, and interdependence
Social neuroendocrinology, testosterone, and cortisol
Affective processes linking hormones to social behavior

Publications

- Bhandari, S., Hallowell, M., Van Boven, L., Golparvar-Fard, M., **Welker, K. M.**, & Gruber, J. (in press). Using augmented virtuality to examine how affect influences hazard identification performance, risk assessment, and safety decisions. *Journal of Construction Engineering and Management*.
- Dutra, S. J., Reddan, M., Purcell, J. R., Devlin, H.C. & **Welker, K. M.** (in press). Indices and correlates of positive emotion in psychopathology: Methodological and design considerations. In Gruber, J. (Ed.), *The Oxford Handbook of Positive Emotion and Psychopathology*. New York, NY: Oxford University Press.
- Geniole, S.N., Procyshyn, T., Marley, N., Ortiz, T.L., Bird, B.M., Marcellus, A.L., **Welker, K.M.**, Bonin, P.L., Goldfarb, B., Watson N.V. & Carré, J.M. (in press). Using a psychopharmacogenetic approach to identify the pathways through which and people for whom testosterone promotes human aggression. *Psychological Science*.
- Prasad, S., Lassetter, B., **Welker, K. M.**, & Mehta, P. H. (in press). Stability of correspondence between salivary testosterone measured with enzyme immunoassays and tandem mass spectrometry. *Psychoneuroendocrinology*.
- Cook, T., Roy, A., & **Welker, K. M.** (2019). Music as an emotion regulation strategy: An examination of genres of music and their roles in emotion regulation. *Psychology of Music*, 47(1), 144-154. doi: 10.1177/0305735617734627
- Ketay, S., **Welker, K. M.**, Beck, L., Thorson, K., Slatcher, R. B. (2019). Social anxiety, cortisol, and early-stage friendship. *Journal of Social and Personal Relationships*, 36(7), 1954-1974. doi: 10.1177/0265407518774915
- Luo, Y., **Welker, K. M.**, Way, B. M., DeWall, C. N., Bushman, B. J., Wildschut, T., & Sedikides, C. (2019). 5-HTTLPR polymorphism is associated with nostalgia proneness: The role of neuroticism. *Social Neuroscience*, 14, 183-190. doi: 10.1080/17470919.2017.1414717

- Roy, A. R. K., Cook, T., Carré, J. C., & **Welker, K. M.** (2019). Dual-hormone regulation of psychopathy: Evidence from mass spectrometry. *Psychoneuroendocrinology*, *99*, 243-250. doi: 10.1016/j.psyneuen.2018.09.006
- Welker, K. M.**, Roy, A. R. K., Geniole, S., Kitayama, S. & Carré, J. M. (2019). Taking risks for personal gain: An investigation of self-construal and testosterone responses to competition. *Social Neuroscience*, *14*(1), 99-113. doi: 10.1080/17470919.2017.1407822
- Bhandari S., Hallowell M. R., Van Boven , Gruber J., & **Welker K. M.** (2018). Using augmented virtuality to understand the situational awareness model. *Proceedings of the ASCE 2018 Construction Research Congress (CRC)*. doi: 10.1061/9780784481288.011
- Welker, K. M.**, & Slatcher, R. B. (2018). Looking at dyads: Actor-partner analysis in marriage research. In G. Weisfeld, C. Weisfeld, & L. Dillon (Eds.), *Psychology of Marriage: An Evolutionary and Cross-Cultural View*. Lanham, MD: Lexington Books.
- Ketay, S., **Welker, K. M.**, & Slatcher, R. B. (2017). The roles of testosterone and cortisol in friendship formation. *Psychoneuroendocrinology*, *76*, 88-96. doi: 10.1016/j.psyneuen.2016.11.022v
- Welker, K. M.**, Norman, R., Goetz, S. M. M., Kitayama, S., & Carré, J. M. (2017). Preliminary evidence that testosterone's association with aggressive behavior depends on self-construal. *Hormones and Behavior*, *92*, 117-127. doi: 10.1016/j.yhbeh.2016.10.014
- Welker, K. M.**, Prasad, S., Srivastava, S., & Mehta, P. H. (2017). Basal cortisol's relation to testosterone changes may not be driven by social challenges. *Psychoneuroendocrinology*, *85*, 1-5. doi: 10.1016/j.psyneuen.2017.07.493
- Bhandari, S., Hallowell, M., Van Boven, L., Gruber, J., & **Welker, K. M.** (2016). Emotional states and their impact on hazard identification skills. *Construction Research Congress 2016*: pp. 2831-2840. doi: 10.1061/9780784479827.282
- Bird, B. M., Cid, V., Geniole, S. N., **Welker, K. M.**, Zilioli, S., Maestripieri, D., Arnocky, S., & Carré, J. M. (2016). Does the facial width-to-height ratio map onto variability in men's testosterone concentrations? *Evolution and Human Behavior*, *37*(5), 392-398. doi: 10.1016/j.evolhumbehav.2016.03.004
- du Pont, A., **Welker, K. M.**, Gilbert, K., & Gruber, J. (2016). The emerging field of positive emotion dysregulation. In K. D. Vohs & R. F. Baumeister (Eds.), *Handbook of Self-Regulation: Research, Theory and Applications* (3rd edition). New York, NY: Guilford Press.
- Welker, K. M.**, Bird, B. & Arnocky, S. (2016). Commentary: Facial width-to-height ratio (fWHR) is not associated with adolescent testosterone levels. *Frontiers in Psychology*, *7*: 1745. doi: 10.3389/fpsyg.2016.01745

- Welker, K. M.**, Lassetter, B., Brandes, C., Prasad, S., Koop, D., Mehta, P. H. (2016). A comparison of salivary testosterone measurement using immunoassays and tandem mass spectrometry. *Psychoneuroendocrinology*, *71*, 180-188. doi: 10.1016/j.psyneuen.2016.05.022
- Welker, K. M.**, Zilioli, S., Carré, J. M., & Mehta, P. (2016). Testosterone-cortisol interactions and risk-taking: A reply to Hayes et al. *Psychoneuroendocrinology*, *63*, 381-382. doi: 10.1016/j.psyneuen.2015.05.012
- Mazur, A., **Welker, K. M.**, & Peng, B. (2015). Does the biosocial model explain the emergence of status differences in conversations among unacquainted men? *PLoS ONE* *10*(11): e0142941. doi:10.1371/journal.pone.0142941
- Mehta, P. H., van Son, V., **Welker, K. M.**, Prasad, S., Sanfey, A. G., Smidts, A., & Roelofs, K. (2015). Exogenous testosterone in women enhances and inhibits competitive decision-making depending on victory-defeat experience and trait dominance. *Psychoneuroendocrinology*, *60*, 224-236. doi: 10.1016/j.psyneuen.2015.07.004
- Mehta, P. H., **Welker, K.M.**, Zilioli, S., & Carré, J.M. (2015). Testosterone and cortisol jointly modulate risk-taking. *Psychoneuroendocrinology*, *56*, 88-99. doi: 10.1016/j.psyneuen.2015.02.023
- Norman, R., Moreau, B., **Welker, K. M.**, & Carré, J. M. (2015). Trait anxiety moderates the relationship between testosterone responses to competition and aggressive behavior. *Adaptive Human Behavior and Physiology*, *1*(3), 312-324. doi: 10.1007/s40750-014-0016-y
- Welker, K. M.**, & Carré, J. M. (2015). Individual differences in testosterone predict persistence in men. *European Journal of Personality*, *29*, 83-89. doi: 10.1002/per.1958.
- Welker, K. M.**, Goetz, S. M. M., & Carré, J. M. (2015). Perceived and experimentally manipulated status moderate the relationship between facial structure and risk taking. *Evolution and Human Behavior*, *36*(6), 423-429. doi: 10.1016/j.evolhumbehav.2015.03.006
- Welker, K. M.**, Goetz, S. M. M., Galicia, S., Liphardt, J., & Carré, J. M. (2015). An Examination of the associations between facial structure, aggressive behavior, and performance in the 2010 World Cup Association football players. *Adaptive Human Behavior and Physiology*, *1*, 17-29. doi: 10.1007/s40750-014-0003-3
- Welker, K. M.**, Gruber, J., & Mehta, P. (2015). A positive affective neuroendocrinology (PANE) approach to reward and behavioral dysregulation. *Frontiers in Psychiatry*, *6*(93), 1-10. doi: 10.3389/fpsyt.2015.00093
- Carré, J. M., Iselin, A., **Welker, K. M.**, Hariri, A. R., & Dodge, K. (2014). Testosterone reactivity to provocation mediates the effect of early intervention on aggressive behavior. *Psychological Science*, *25*(5), 1140-1146. doi: 10.1177/0956797614525642

Dizazzo-Miller, R., Samuel, P. S., Barnas, J. M., & **Welker, K. M.** (2014). Addressing everyday challenges: A pilot study on a family caregiver training program. *American Journal of Occupational Therapy, 68*, 212-220 doi: 10.5014/ajot.2014.009829.

Welker, K. M., Baker, L., Padilla, A., Holmes, H., Aron, A. P., & Slatcher, R. B. (2014). Effects of self-disclosure and responsiveness between couples on passionate love within couples. *Personal Relationships, 21*(4), 692-708. doi: 10.1111/pere.12058

Welker, K. M., Lozoya, E., Campbell, J. A., Carré, J. M., & Neumann, C. (2014). Testosterone, cortisol, and psychopathic traits in men and women. *Physiology and Behavior, 129*, 230-236. doi: 10.1016/j.physbeh.2014.02.057

Welker, K. M., Slatcher, R., Baker, L., & Aron, A. P. (2014). Creating positive outgroup attitudes through intergroup couple friendships and implications for compassionate love. *Journal of Social and Personal Relationships, 31*(5), 706-725. doi: 10.1177/0265407514522369.

Carré, J. M., Campbell, J. A., Lozoya, E., Goetz, S. M. M., & **Welker, K. M.** (2013). Changes in testosterone mediate the effect of winning on aggressive behavior. *Psychoneuroendocrinology, 38*(10), 2034-2041. doi: 10.1016/j.psyneuen.2013.03.008

Welker, K. M., Oberleitner, D. E., Cain, S., & Carré, J. M. (2013). Upright and left out: Posture moderates the effects of social exclusion on mood and relational needs. *European Journal of Social Psychology, 43*, 355-361. doi: 10.1002/ejsp.1944

Works in progress:

Ketay, S., Beck, L., & **Welker, K. M.** (under review). Self-expansion: Intergroup and sociocultural Factors. In B. Mattingly, K. McIntyre, & G. Lewandowski (Eds.), *Interpersonal Relationships and the Self-Concept*. Springer.

Welker, K. M., Geniole, S., & Carré, J. M. (under review). The Who, when, where, and why of testosterone.

Welker, K. M., Stanton, S., & Carré, J. M. (under review, revise and resubmit). Testosterone and economic preferences, decision-making, and behavior.

Gruber, J., **Welker, K. M.**, Prasad, S., Purcell, J., Lassetter, B., Brandes, C., & Mehta, P. (in revision). An Affective neuroendocrinology approach to emotional disturbance in bipolar disorder compared to major depressive disorder and healthy adults.

Musket, C., Hansen, N. S., **Welker, K. M.**, Gilbert, K. E., & Gruber, J. (in revision). Aware but unable to control? Emotional awareness and regulation in manic and remitted bipolar I disorder, major depressive disorder and healthy adults.

Welker, K. M., & Roy, A. R. K. (in revision). Facial structure predicts desired status when status is low: Reconsiderations of pathways to status via dominance and risk-taking.

Prasad, S., **Welker, K. M.**, Lassetter, B., Knight, E., & Mehta, P. H. (in preparation). Neuroendocrine and psychological responses to a societal inter-group dominance contest: Evidence from the 2012 Presidential Election.

Rollins, L. G., Donaldson, S. T., Pantalone, D., **Welker, K. M.**, Roemer, L. (in preparation). Does mindfulness support empathy?

Sundin, Z. W., Chopik, W. J., **Welker, K. M.**, Brandes, C. M., Ketay, S., Knight, E. L., McLarney-Vesotski, A. R., Prasad, S., Roy, A. R. K., Carré, J. M., Edelstein, R. S., Mehta, P. H., Slatcher, R. B., Tackett, J. L. (in preparation). Estimating the association between big five personality traits, testosterone, and cortisol.

Welker, K. M., Surenta, L., Chester, D., Roy, A. R. K., & McLarney-Vesotski, A. (in preparation). Status seeking behavior: Implications for hormones, personality, and advances in social status.

Welker, K. M., Roy, A. R. K., Ketay, S., Beck, L. (in preparation). The role of hormones and personality in friendship formation.

Other Publications:

Ropeik, D., Welker, K., Casto, K., Sapolsky, R., & Pinker, S. (2017). Who's in charge, Your mind or your brain? Psychology Today.
<https://www.psychologytoday.com/blog/how-risky-is-it-really/201709/whos-in-charge-you-r-mind-or-your-brain>

Op/Ed Published – LiveScience.com – “Want to rekindle passion? Go on a double date” – February 2014 – <http://www.livescience.com/43263-rekindle-passion-double-date.html>

Conference Organization:

Gruber, J. (2015, April). *Positive Emotions Pre-Conference* at the annual meeting of the Society for Affective Sciences, Oakland, CA. Role: Flash Talk Organizer.

Welker, K. M. & Zilioli, S. (2015, February). *Social Neuroendocrinology Pre-Conference* at the annual meeting of the Society for Personality and Social Psychology, Long Beach, CA. Role: Organizer.

Chaired Symposium:

Welker, K. M. (2014, May). Social neuroendocrinology. Symposium presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Invited Keynote Addresses:

Welker, K. M. (2018, March). Testosterone and social behavior: Moderation by self-construal. Invited keynote address at the Social Neuroendocrinology Pre-conference of the annual meeting of the *Society for Personality and Social Psychology*, Atlanta, GA.

Welker, K. M. (2017, May). Measurement, moderation, and multiple paths: Discerning the relationship between testosterone and status. Invited keynote address presented at the pre-conference of the annual meeting of the *Human Behavior and Evolution Society*, Boise, ID.

Other Invited Talks and Workshops:

Welker, K. M. (2019, April). What is the self? Perspectives from social psychology. Talk presented to the UMass Boston Philosophy Club, University of Massachusetts Boston, Boston, MA.

Welker, K. M. (2018, March). Productive writing: Tiny tactics and sweeping strategies. Invited workshop at the GASP Mentorship Luncheon of the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA.

Welker, K. M. (2016, January). Writing productivity. Invited workshop at the GASP Mentorship Luncheon of the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Welker, K. M. (2015, January). The Neuroendocrinology of risk-taking, aggression, and reward dysregulation. Oral presentation to the Colorado Affective Sciences Laboratories. Boulder, CO.

Welker, K. M. (2014, November). The ties that bind: Positive emotions and social relationships. Oral presentation to the Colorado Affective Sciences Laboratories. Boulder, CO.

Welker, K. M.. (2014, September). The who, what, and when of testosterone: Moderators of the behaviors associated with testosterone. Oral presentation to the University of Oregon Psychology Department. Eugene, OR.

Welker, K. M.. (2014, April). Testosterone, anger, and dominance: Moderation by self-construal. Oral presentation for the International Cultural Neuroscience Consortium. University of Michigan, Ann Arbor, MI.

Welker, K. M. (2013, October). Applying to and experiencing the Summer Institute in Personality and Social Psychology. Presentation for the Society for Integrative Experimental Psychological Research brownbag series at Wayne State University, Detroit, MI.

Welker, K. M. (2013, September). Relationships and the social neuroendocrinology of dominance and aggression. Presentation for the Society for Integrative Experimental Psychological Research brownbag series at Wayne State University, Detroit, MI.

Welker, K. M. (2013, July). Applying what you know: Connecting common statistical techniques to your research. Presentation for Graduate Nurse Anesthesia Program at Wayne State University, Detroit, MI.

Welker, K. M., Baker, L., Padilla, A., Aron, A. P., & Slatcher, R. B. (2013, June). Self-disclosure between couples increases passionate love within couples. Presentation to the Close Relationships Laboratory at Wayne State University, Detroit, MI.

Welker, K. M. (2013, April). Unique experiences in graduate school: Statistical consulting at Wayne State University. Presentation for the Society for Integrative Experimental Psychological Research brownbag series at Wayne State University, Detroit, MI.

Welker, K. M. (2012, September). Methods of testing mediation: From Baron and Kenny to bootstrapping. Presentation to the Social Neuroendocrinology Laboratory at Wayne State University, Detroit, MI.

Welker, K. M., Dexter, C., & Wegner, R. (2012, February). Writing effectively. Presentation for the Society for Integrative Experimental Psychological Research brownbag series at Wayne State University, Detroit, MI.

Wegner, R., Dexter, C., & Welker, K. (2011, November). What to expect from the Masters Process. Presentation for the Society for Integrative Experimental Psychological Research at Wayne State University brownbag series.

Oral Presentations:

Ketay, S., Beck, L. A., Welker, K. M., & Slatcher, R. B. (2018, July). The role of cortisol and testosterone in friendship initiation. Talk presented at the annual meeting of the International Association for Relationship Research, Fort Collins, CO.

Gruber, J., Welker, K., Prasad, S., Purcell, J., Lassetter, B., Brandes, C., & Mehta, P. (2016, June). Positive affective neuroendocrinology approach to reward disturbance in bipolar I disorder. Johnson, S. L. (Chair), Integrating Psychological and Biological Approaches in Bipolar Disorder. World Congress of Behavioural and Cognitive Therapies (WCBCT), Melbourne, Australia.

Welker, K. M., Lassetter, B., Brandes, C., Prasad, S., Koop, D. R., Mehta, P. H. (2016, January). The kit that fits: Comparing ELISA-based testosterone measurement to tandem mass spectrometry. Datablitz talk presented at the Social Neuroendocrinology Pre-conference of the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Sroloff, A., Welker, K. M., Purcell, J. R., Mehta, P., & Gruber, J. (2016, January). Emotional Behavior in Bipolar I Disorder, Major Depressive Disorder and Healthy Controls using an iEAR Approach. Datablitz talk presented at the Positive Emotions Pre-conference of the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Ketay, S., Welker, K. M., Coore, J., Goodyear, C., & Feliciano, J. (2016, January). Closeness for me, but not for you: The role of testosterone in dyadic social interactions. Datablitz talk presented at the Social Neuroendocrinology Pre-conference of the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Gruber, J., Welker, K. M., Prasad, S., Purcell, J., Lassetter, B., Brandes, C., & Mehta, P. (2016, April). An affective neuroendocrinology approach to emotion disturbance in bipolar disorder. Flash talk presented at the annual meeting of the Social and Affective Neuroscience Society. New York, NY.

Welker, K. M., Norman, R., Moreau, B., Kitayama, S., & Carré, J. M. (2015, February). Independent Men: Self-Construal moderates the effect of men's testosterone on aggression and risk taking. Datablitz talk presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.

Mehta, P. H., Zilioli, S., Prasad, S., Welker, K. M., & Lassetter, B. (2014, November). The reverse winner-loser effect: endocrine responses to dominance contests that model unstable hierarchies. Symposium talk presented at the annual meeting of the Society for Social Neuroscience, Washington, D.C.

Welker, K. M., & Carré, J. M. (2014, May). Self-construal moderates the links between testosterone, dominance, and aggression. Symposium talk presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Slatcher, R., Welker, K. M., Baker, L., Padilla, A., & Aron, A. (2014, January). The effects of self-disclosure and responsiveness between couples on passionate love within couples. Symposium talk to be presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.

Welker, K. M., Campbell, J. A., Lozoya, E., Carré, J. M., & Neumann, C. (2013, May). Neuroendocrine function and psychopathy in a nonclinical sample of men and women. Symposium talk presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Welker, K. M., Campbell, J. A., Lozoya, E., Goetz, S. M. M., & Carré, J. M. (2013, January). Self-construal moderates neuroendocrine reactivity to competitive outcomes. Presented at Social Neuroendocrinology Preconference at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Poster Presentations:

Morina, E., Roy, A.R.K., Cook, T., Onochie, K., Randhawa, A., & Welker, K. M. (2018). *A Dyadic investigation: Agreeable people feel closer, extroverts show it*. Poster to be presented at the Annual Convention of the Society for Personality and Social Psychology, March 1-3, 2018, Atlanta, Georgia.

Onochie, K., Roy, A.R.K., Cook, T., Morina, E., Randhawa, A., & Welker, K. M. (2018, March). *Trait mindfulness predicts positive emotionality and social enjoyment in zero-acquaintance dyadic conversations*. Poster to be presented at the Society for Personality and Social Psychology, Atlanta, GA.

Roy, A.R.K., Cook, T., Morina, E., Onochie, K., Randhawa, A., Welker, K. M. (2017, October). Testosterone, cortisol, and psychopathy: A dual hormone investigation of psychopathic traits in men and women. Poster presented at the annual meeting of the New England Psychological Association, Newton, MA.

Rodriguez, A. L., Cook, T., Roy, A. R. K., Onochie, K., Morina, E., Keaveny, O., Randhawa, A., & Welker, K. M. (2017, May). The mechanics of connection: an investigation of interpersonal closeness in zero-acquaintance dyadic conversations. Poster presented at the UMass Boston College of Liberal Arts and Sciences Undergraduate Research Showcase, Boston, MA.

- Paraklar, U., Ketay, S., & Welker, K. M. (2017, May). Individualism moderates the relationship between testosterone and closeness. Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.
- Roy, A.R.K., Keaveny, O., & Welker, K. M. (2017, May). Dual-hormone regulation of psychopathy: Replicating the findings of Welker and colleagues (2014). Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.
- Rodriguez, A. L. , Cook, T. , Roy, A. R. K., Onochie, K., Morina, E., Keaveny, O. , Randhawa, A., & Welker, K. M. (2017, May). The mechanics of connection: an investigation of interpersonal closeness in zero-acquaintance dyadic conversations. Poster presented at the UMass Boston College of Sciences and Mathematics Student Success Showcase, Boston, MA.
- Ketay, S., Beck, L., Welker, K. M., & Goodyear, C. (2017, January). Attachment style predicts closeness and cortisol response in dyadic social interaction. Poster presented at the annual meetings of the Social for Personality and Social Psychology, San Antonio, TX.
- Cook, T., & Welker, K. M. (2016, November). Music as an emotion regulation strategy: Genre preferences and musical emotion regulation tendencies. Poster presented at the Annual Biomedical Research Conference for Minority Students (ABRCMS), Tampa, FL.
- Cook, T., & Welker, K. M. (2016, August). Music as an emotion regulation strategy: Genre preferences and musical emotion regulation tendencies. Poster presented at the UMass Boston Institute for Maximizing Student Development student poster day, Boston, MA.
- Prasad, S.* , Welker, K. M., Lassetter, B., & Mehta, P. H. (2016, January). Neuroendocrine and psychological responses to a societal inter-group dominance contest: Evidence from the 2012 Presidential Election. Poster presented at the annual meetings of the Social for Personality and Social Psychology, Long Beach, CA.
- Prasad, S., Zilioli, S., Mehta, P., Welker, K. M., Lassetter, B., & Watson, N. (2015, February). Endocrine and affective responses to dominance contests in unstable hierarchies: Evidence from lab experiments and naturalistic contests. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.
- Tyminski, B., Campbell, C., Lozoya, E., Liphardt, J., Kado, S., Miller, R., Stapleton, J., Hanna, A., Trombly, D., States, D., Kuruvadi, N., Welker, K. M., & Carré, J. M. (2014, May). Individual differences in testosterone predict persistence in men. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

- Welker, K. M. (2014, March). Self-construal moderates the relationships between testosterone, dominance, anger, and aggression. Poster presented at the Wayne State University Graduate School Exhibition, Detroit, MI.
- McIntyre, R. B., & Welker, K. M. (2014, February). Matching role models with implicit ability theory. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Welker, K. M. & Carré, J. M. (2014, February). Self.-construal moderates the effects of baseline testosterone and testosterone reactivity on dominance. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Cooper, J., Donajkowski, S., Tyminski, B., Liphardt, J., Sydam, D. Galicia, S. McLarney-Vesotski, A. R., Welker, K. M., & Carré, J. M. (2014, January). The link between facial width-to-height ratio and interpersonal sensitivity accuracy. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Jones, N., Cain, S., Strnad, J., Welker, K. M., & Carré, J. M. (2013, May). Who enjoys power poses? Narcissists do: When personality and posture mismatch. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Stapleton, J., Campbell, J. A., Goetz, S. M. M., Welker, K. M., & Carré, J. M. (2013, March). Examination of individual difference factors contributing to variability in testosterone reactivity to competition. Poster presented at the Rodney Clark Undergraduate Research/Poster Day, Wayne State University, Detroit, MI.
- Loomis, S. E., Cain, S., Campbell, J., Lozoya, E., Goetz, S. M. M., Welker, K. M., Carré, J. M. (2013, January). Trait anxiety moderates the effect of competition outcome on testosterone reactivity. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Cain, S., Loomis, S. E., Jones, N., Welker, K. M., Carré, J. M. (2013, January). Upright and left out: Posture moderates the effects of ostracism. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Slatcher, R. B., Welker, K. M., Baker, L., & Aron, A. (2012, October). Expanding the self through cross-race couple friendships. Symposium presented at the annual meeting of the Society for Experimental Social Psychology, Austin, TX.
- Welker, K. M., Slatcher, R. B., Baker, L., & Aron, A. (2013, January). Including outgroups in the self: The role of trait agreeableness and self-disclosure. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

- Carré, J. M., Campbell, J. C., Lozoya, E., Welker, K. M., & Goetz, S. M. M. (2012, July). Testosterone mediates the effect of winning on subsequent aggressive behavior in men. Presentation at the annual meeting of the International Society for Research on Aggression, Luxembourg, Germany.
- Slatcher, R. B., Welker, K. M., Baker, L., & Aron, A. (2012, June). Building compassionate love for members of other racial groups. Presentation at the annual conference of the International Association for Relationship Research Conference, Chicago, IL.
- Welker, K. M., Oberleitner, D. O., McIntyre, R. B., & Singh Khalsa, B. (2012, May). Contemplating attitude-relevant knowledge increases attitude-behavior consistency, but not attitude strength. Poster to be presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Baker, L., Welker, K., Alawie, D., Kuehn, K., Valentino, D., Slatcher, R., & Aron, A. (2012, January). Big five predictors of reported closeness to outgroups following intergroup contact. Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
- McIntyre, R. B., Fuller, E. W., & Welker, K. M. (2011, January). Role model identification for minority and majority individuals: reasons for success matter. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Welker, K. M., McIntyre, R. B., Oberleitner, D. E., Lin, P. S., & Fuller, E. W. (2011, January). Mapping the way to attitude-behavior consistency: The effects of thinking more. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Welker, K. M., Oberleitner, D. E., & McIntyre, R. B. (2010, May). The Effect of attitude representation complexity on attitude-behavior consistency. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Lord, J., Welker, K., Verdusco, L., Perley, R., Bushouse, E. & Smith, C. (2009, May). Escaping experimentally induced fixation: a comparison of individuals and three-person groups working on a Eureka-type task. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Henderson-King, E., Welker, K., Sikkema, J., Alexander, S., Sadowski, J. (2008, May). The black sheep effect in a heterogeneous group context. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

Teaching Experience:

University of Massachusetts Boston – Boston, MA (Fall 2015 – Present)

Psychological Statistics (7 classes)

Social Psychology (6 classes)

Special Topics: The Psychology of Close Relationships (1 class)

Personality Psychology (1 class)

Wayne State University - Detroit, MI (Fall 2009 – Summer 2014)

Personality Psychology (1 class, Instructor)

Social Psychology (2 classes, Instructor)

Introduction to Psychology (9 sections, 3 semesters, TA and Lab Instructor)

Statistical Methods (1 section, TA and Lab Instructor)

Experimental Psychology Lab (Research Methods), Learning in Memory (2 sections, TA and Lab Instructor)*

Advanced Graduate Statistics (1 section, Lab Instructor and TA)

Guest Lectures:

Hormones and Emotions, March 3rd, 2015. Guest lecture for undergraduate course (Human Emotion). Department of Psychology and Neuroscience, University of Colorado, Boulder. Instructor: June Gruber.

The Social Neuroendocrinology of Dominance and Aggression, October 16, 2013. Guest lecture for graduate course PSY 7450 (Social Development), Department of Psychology, Wayne State University. Instructor: Marjorie Beeghly

Social Psychology of Attitudes and Prejudice, March 30, 2011. Guest lecture for undergraduate course PSY 1010 (Introductory Psychology), Department of Psychology, Wayne State University. Instructor: Annmarie Cano

Academic Service:

University of Massachusetts Boston

Chair, Lab Committee, 2018-Present.

Chair, Colloquium Committee, 2017-Present.

Chair, Psychology Department Web Redesign Committee, 2017-Present.

Chair, Honors Thesis Committee, Kosy Onochie (Student), 2017-2018.

Honors Thesis Committee, Sally Mansour (Student), 2016-2017.

Academic Advisor (2017-2018) for undergraduate psychology majors, 43 students

Academic Advisor (2016-2017) for undergraduate psychology majors, 49 students

Academic Advisor (2015-2016) for undergraduate psychology majors, 28 students
Dissertation Committee, Laura Grace Rollins, Clinical Psychology PhD Student, 2015-2017.
Dissertation Committee, J. Anna Bell, Clinical Psychology PhD Student, 2016-2018.
Member, Lab Committee, 2016-2017.
Member, Personnel Committee, 2015-2017.
Member, Social Psychology/Honors College Faculty Search Committee, 2016-2017.
Member, Social Psychology/Honors College Faculty Search Committee, 2015-2016.
Member, Social Psychology Faculty Search Committee, 2015-2016.
Member, Doctoral Dissertation Grant Review Committee, Office of Graduate Studies and Research, 2016-present.
Member, Quantitative Reasoning Subcommittee, Faculty Council General Education Committee, 2017-present.

Wayne State University

Graduate Student Representative, Cognitive, Developmental, and Social Psychology Faculty Committee, Wayne State University, 2013-2014.
Society for Integrative Experimental Psychological Research, Wayne State University, 2009-2014.
Treasurer, 2010-2011.
Psychology Graduate Student Handbook Reviewer, Wayne State University, 2009-2014.
Graduate Student Recruitment Weekend, Department of Psychology, Wayne State University, 2010-2013.
Social Psychology Faculty Search Committee Member, Wayne State University, 2012-2013.
McNair Scholars Conference, Tour Guide, Wayne State University, 2010.

Additional Training:

Junior Faculty Research Seminar, University of Massachusetts Boston, 2017-2018.
Summer Institute in Social and Personality Psychology, University of California at Davis, Summer 2013.
Course: Social Neuroendocrinology (with Wendy Berry Mendes and Pranjal Mehta)
Workshop on Meta-Analysis (with Emilio Ferrer).

Professional Service

Ad-hoc Reviewer:

<i>Adaptive Human Behavior and Physiology</i>	<i>Journal of Health Psychology</i>
<i>Aggressive Behavior</i>	<i>Journal of Marriage and Family</i>
<i>American Journal of Human Biology</i>	<i>Journal of Personality and Social Psychology</i>
<i>Comprehensive Research in Social Psychology</i>	<i>Journal of Social and Personal Relationships</i>
<i>Clinical Physiology and Functional Imaging</i>	<i>Oxford University Press</i>
<i>Emotion</i>	<i>Personality and Individual Differences</i>
<i>Hormones and Behavior</i>	<i>Perspectives in Psychological Science</i>
<i>Frontiers in Psychology</i>	<i>PLOS One</i>
<i>Journal of Experimental Social Psychology</i>	<i>Psychological Science</i>
<i>Journal of Family Violence</i>	<i>Psychoneuroendocrinology</i>
	<i>Social Psychology</i>
	<i>Social Neuroscience</i>

Service to Professional Organizations:

Poster Award Committee, 2017 Annual Meeting of the Society for Personality and Social Psychology.

Symposia Reviewer, 2017 Annual Meeting of the Society for Personality and Social Psychology.

2016 Abstract Reviewer, Neuroendocrinology Pre-conference, the annual meeting for the Human Behavior and Evolution Society.

2016-Present Mentor, GLBT Alliance in Social and Personality Psychology (GASP)

2015 Travel Award Committee, 2016 Annual Meeting of the Society for Personality and Social Psychology

2015 Abstract Reviewer, 2016 International Association for Relationship Research Conference

2015 Pre-Conference Organizer, Society for Affective Science

2014-2015 Pre-Conference Organizer, Society for Personality and Social Psychology

Professional Organizations and Honor Societies:

Colorado Affective Sciences Laboratories, 2014-2015

Society for Personality and Social Psychology, 2006-Present

Midwestern Psychological Association, 2009-2014

Association for Psychological Science, 2009-Present

Summer Institute for Personality and Social Psychology, 2013

Society for Integrative Experimental Psychological Research, Wayne State University, 2009-2014

Member, Graduate Employees Organizing Committee, Wayne State University, 2009-2014

Center for the Advancement of Research Methods and Analysis, Wayne State University,

Psi Chi, 2007-Present

Selected Media Coverage:

- **Fatherly.** The Profound Importance of Having “Couples Friends.”
<https://www.fatherly.com/love-money/the-profound-importance-of-having-couples-friends/>
- **BBC.** How your face betrays your personality and health.
<http://www.bbc.com/future/story/20150312-what-the-face-betrays-about-you>
- **Iowa Public Radio.** The Science of Love. <http://iowapublicradio.org/post/science-love>
- **Wall Street Journal.** Research Ties Soccer Performance to Facial Breadth.
<http://online.wsj.com/articles/research-ties-soccer-performance-to-facial-breadth-1416597793>
- **Science Daily.** Facial structure predicts goals, fouls among World Cup soccer players.
<http://www.sciencedaily.com/releases/2014/11/141112093152.htm>
- **Relationship Matters Podcast.** Intergroup couple friendships: Keith Welker from Wayne State University, USA talks about intergroup couple friendships and how they affect compassionate love. http://spr.sagepub.com/site/podcast/podcast_dir.xhtml
- **Science Daily.** Creating friendships between African-American and Caucasian couples can reduce prejudice. <http://www.sciencedaily.com/releases/2014/06/140620102139.htm>
- **Science Daily.** Early intervention reduces aggressive behavior in Adulthood.
<http://www.sciencedaily.com/releases/2014/04/140401102922.htm>
- **USA Today.** Party of four? A double date can rev up your romance.
<http://www.usatoday.com/story/news/nation/2014/02/10/passion-research-double-date/5289181/>
- **Time.** Double dates can enhance romance: No, it’s not kinky.
<http://healthland.time.com/2014/02/14/double-dates-can-enhance-romance/>
- **Society for Personality and Social Psychology Blog.** Matchmaking, Double Dates and More for Valentine’s Day.
<http://www.spspblog.org/matchmaking-double-dates-and-more-for-valentines-day/>
- **Lifehacker.** Double dates may be more effective at rekindling romance.
<http://lifehacker.com/double-dates-may-be-more-effective-in-rekindling-romanc-1521405211>
- **Health Magazine.** Four weird ways to improve your relationship.
<http://news.health.com/2014/04/03/4-weird-ways-to-improve-your-relationship/>
- **Science Magazine.** Wide face? Play soccer.
<http://www.sciencemag.org/news/sifter/wide-face-play-soccer>