

## Recent Publications

- Berntson, G. G., Norman, G. G., Bechara, A., Bruss, J., Tranel, D., & Cacioppo, J. T. (2011). The insula and evaluative processes. *Psychological Science*, 22, 80-86. doi: 10.1177/0956797610391097
- Cacioppo, J. T., & Berntson, G. G. (2011). The brain, homeostasis, and health: Balancing demands of the internal and external milieu. In H. S. Friedman (Ed.), *The Oxford Handbook of Health Psychology*. New York: Oxford University Press.
- Cacioppo, J. T., Berntson, G. G., Bechara, A., Tranel, D., & Hawley, L. C. (2011). Could an aging brain contribute to subjective well being?: The value added by a social neuroscience perspective. In A. Todorov, S. T. Fiske, & D. Prentice (Eds.), *Social Neuroscience: Toward Understanding the Underpinnings of the Social Mind* (pp. 249-262). New York: Oxford University Press.
- Cacioppo, J. T., Berntson, G. G., Norris, C. J., & Gollan, J. K. (2011). The evaluative space model. In P. Van Lange, A. Kruglanski, & E. T. Higgins (Eds.), *Handbook of theories of social psychology* (pp. 42-64). Thousand Oaks, CA: Sage Press.
- Cacioppo, J. T., & Decety, J. (2011). An introduction to social neuroscience (pp. 3-8). *The Oxford handbook of social neuroscience*. New York: Oxford University Press.
- Cacioppo, J. T., & Decety, J. (2011). Epilogue (pp. 1027-1030). *The Oxford handbook of social neuroscience*. New York: Oxford University Press.
- Cacioppo, J. T., & Decety, J. (2011). Social neuroscience: Challenges and opportunities in the study of complex behavior. *Annals of the New York Academy of Sciences*, 1224, 162-173.
- Cacioppo, J. T., Reis, H. T., & Zautra, A. J. (2011). Social resilience: The value of social fitness with an application to the military. *American Psychologist*, 66, 43-51. doi: 10.1037/a0021419
- Chicago Social Brain Network (2011). *Invisible forces and powerful beliefs: Gravity, gods, and minds*. Upper Saddle River, NJ: FT Press.
- Cole, S. W., Hawley, L. C., Arevalo, J. M. G., & Cacioppo, J. T. (2011). Transcript origin analysis identifies antigen presenting cells as primary targets of socially regulated leukocyte gene expression. *Proceedings of the National Academy of Sciences*, 108, 3080-3085. doi: 10.1073/pnas.1014218108. [www.pnas.org/cgi/doi/10.1073/pnas.1014218108](http://www.pnas.org/cgi/doi/10.1073/pnas.1014218108)
- Decety, J., & Cacioppo, J. T. (2011). *The Oxford handbook of social neuroscience*. New York: Oxford University Press.
- Hawley, L. C., & Cacioppo, J. T. (2011). Perceived social isolation: Social threat vigilance and its implications for health (pp. 765-775). *The Oxford handbook of social neuroscience*. New York: Oxford University Press.

- Hawkley, L., Preacher, K., & Cacioppo, J. (2011). As we said, loneliness (not living alone) predicts individual differences in sleep quality: A reply. *Health Psychology, 30*, 136. doi: 10.1037/a0022366
- Hawkley, L. C., Williams, K. D., & Cacioppo, J. T. (2011). Responses to ostracism across adulthood. *Social, Cognitive, and Affective Neuroscience, 6*, 234-243. PM ID number 20504868. doi:10.1093/scan/nsq045
- Masi, C. M., Chen, H. Y., Hawkley, L. C., & Cacioppo, J. T. (2011). A meta-analysis of interventions to reduce loneliness. *Personality and Social Psychology Review, 15*, 219-266. PM ID number: 20716644; doi: 10.1177/1088868310377394.
- Norman, G. J., Cacioppo, J. T., & Berntson, G. G. (2011). Social neuroscience of evaluative motivation (pp. 164-177). *The Oxford handbook of social neuroscience*. New York: Oxford University Press.
- Norman, G. J., Cacioppo, J. T., Morris, J. S., Malarkey, W. B., Berntson, G. G., & DeVries, C. A. (2011). Oxytocin increases autonomic cardiac control: Moderation by loneliness. *Biological Psychology, 86*, 174-180. doi: 10.1016/j.biopsycho.2010.11.066
- Norman, G. J., DeVries, A. C., Cacioppo, J. T. & Berntson, G. B. (2011). Multilevel analysis of stress. In R. J. Contrada & A. Baum (eds.) *Handbook of Stress Science: Psychology, Biology, and Health*. (pp. 619-634). New York: Springer.
- Norris, C. J., Larsen, J. T., Crawford, L. E., & Cacioppo, J. T. (2011). Better (or worse) for some than others: Individual differences in positivity offset and negativity bias. *Journal of Research in Personality, 45*, 100-111. doi: 10.1016/j.jrp.2010.12.001
- VanderWeele, T. J., Hawkley, L. C., Thisted, R. A., & Cacioppo, J. T. (2011). A marginal structural model analysis for loneliness: Implications for intervention trials and clinical practice. *Journal of Clinical and Consulting Psychology, 79*, 225-235. doi: 10.1037/a0022610
- Cacioppo, J. T. (2010). Letter to the Editor: To keep the engine of research humming, higher education must rethink its organization. *Chronicle of Higher Education*, May 24, <http://chronicle.com/article/To-Keep-the-Engine-of-Resea/65654/>.
- Cacioppo, J. T., Berntson, G. G., & Aue, T. (2010). Social psychophysiology. In I. Weiner & E. Craighead (Eds.), *Corsini Encyclopedia of Psychology, 4th edition* (Vol. 4, pp. 1644-1645). New York: Wiley.
- Cacioppo, J. T., Berntson, G. G., & Decety, J. (2010). Social neuroscience and its relationship to social psychology. *Social Cognition, 28*, 675-685.
- Cacioppo, J. T., Berntson, G. G., & Waytz, A. (2010). Social neuroscience. In I. Weiner & E. Craighead (Eds.), *Corsini Encyclopedia of Psychology, 4th edition* (Vol. 4, pp. 1635-1636). New York: Wiley.
- Cacioppo, J. T., Hawkley, L. C., & Thisted, R. A. (2010). Perceived social isolation makes me sad: Five year cross-lagged analyses of loneliness and depressive symptomatology in the Chicago Health, Aging, and Social Relations Study.

- Psychology and Aging*, 25, 453-463. DOI 10.1037/a0017216. PMC ID number: 2922929.
- Decety, J., & Cacioppo, J. T. (2010). Frontiers in human neuroscience: The golden triangle and beyond. *Perspectives on Psychological Science*, 5, 767-771.
- Distel, M. A., Rebollo-Mesa, I., Abdellaoui, A., Derom, C. A., Willemsen, G., Cacioppo, J. T., & Boomsma, D. I. (2010). Familial resemblance for loneliness. *Behavior Genetics*, 40, 480-494. PM ID number: 20145989.
- Edwards, K. M., Bosch, J. A., Engeland, C. G., Cacioppo, J. T., & Marucha, P. T. (2010). Elevated macrophage migration inhibitory factor (MIF) is associated with depressive symptoms, blunted cortisol reactivity to acute stress, and lowered morning cortisol. *Brain, Behavior, and Immunity*, 24, 1202-1208. Doi:10.1016/j.bbi.2010.03.011
- Hawley, L. C., & Cacioppo, J. T. (2010). How can I connect with thee: Measuring and comparing satisfaction in multiple relationship domains. *Journal of Individual Psychology*, 66, 43-67.
- Hawley, L. C., & Cacioppo, J. T. (2010). Loneliness and blood pressure in older adults: Defining connections. *Aging & Health*, 6, 415-418.
- Hawley, L. C., & Cacioppo, J. T. (2010). Loneliness matters: A theoretical and empirical review of consequences and mechanisms. *Annals of Behavioral Medicine*, 40, 218-227. PM ID number: 20652462.
- Hawley, L. C., Preacher, K. J., & Cacioppo, J. T. (2010). Loneliness impairs daytime functioning but not sleep duration. *Health Psychology*, 29, 124-129. PMC ID number: 2841303.
- Hawley, L. C., Thisted, R. A., Masi, C. M., & Cacioppo, J. T. (2010). Loneliness affects long-term cardiovascular health. *Clinician's Research Digest*, 28(6).
- Hawley, L. C., Thisted, R. A., Masi, C. M., & Cacioppo, J. T. (2010). Loneliness predicts increased blood pressure: Five-year cross-lagged analyses in middle-aged and older adults. *Psychology and Aging*, 25, 132-141. PMC ID number: 2841310.
- Kalil, A., Ziolo-Guest, K. M., Hawley, L. C., & Cacioppo, J. T. (2010). Job insecurity and change over time in health among older men and women. *Journal of Gerontology: Social Sciences*, 65B, 81-90. PM ID number: 19934165.
- MacArthur Foundation Research Network on an Aging Society. (2010). Policies and politics for an aging America. *Contexts*, 9(1), 22-27.
- Norman, G. J., Cacioppo, J. T., & Berntson, G. G. (2010). Social neuroscience. In L. Nadel (Ed.), *Wiley Interdisciplinary Reviews: Cognitive Science* (pp. 60-68). New York: Wiley.
- Norman, G. J., Cacioppo, J. T., Berntson, G. G. (2010). Social neuroscience of motivation & health. In J. Decety, & J. T. Cacioppo (Eds.), *The Handbook of Social Neuroscience*: Oxford University Press.

- Norman, G. J., DeVries, A. C., Hawley, L. C., Cacioppo, J. T., & Berntson, G. G. (in press). Social influences on physiological processes: A focus on health. In R. Wright & G. Gendolla (Eds.), *Motivation perspectives in cardiovascular response*. Washington, D.C.: American Psychological Association Press.
- Norris, C. J., Gollan, J., Berntson, G. G., & Cacioppo, J. T. (2010). The current status of research on the structure of evaluative space. *Biological Psychology*, *84*, 422-436. PMC ID number: 2894997.
- Trémeau, F., Antonius, D., Cacioppo, J. T., Ziwich, R., Butler, P., Malaspina, D., & Javitt, D. C. (2010). Anticipated, on-line and remembered positive experience in schizophrenia. *Schizophrenia Research*, *122*, 199-205.
- Waytz, A., Cacioppo, J. T., & Epley, N. (2010). Who sees human? The stability and importance of individual differences in anthropomorphism. *Perspectives on Psychological Science*, *5*, 219-232.
- Waytz, A., Morewedge, C. K., Epley, N., Monteleone, G., Gao, J. H., Cacioppo, J. T. (2010). Making sense by making sentient: Effectance motivation increases anthropomorphism. *Journal of Personality and Social Psychology*, *99*, 410-435. PM ID number: 20649365. DOI: 10.1037/a0020240
- Waytz, A., Epley, N., & Cacioppo, J. T. (2010). Social cognition unbound: Insights into anthropomorphism and dehumanization. *Current Directions in Psychological Science*, *19*, 58-62.
- Zhou, H., & Cacioppo, J. T. (2010). Culture and the brain: Opportunities and obstacles. *Asian Journal of Social Psychology*, *13*, 59-71.
- Aue, T., Lavelle, L. A., & Cacioppo, J. T. (2009). Great expectations: What can fMRI tell us about psychological phenomena? *International Journal of Psychophysiology*, *73*, 10-16. PM ID number: 19232374.
- Berntson, G. G., & Cacioppo, J. T. (2009). Autonomic nervous system. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences* (pp. 65-67). New York: Oxford University Press.
- Berntson, G. G., & Cacioppo, J. T. (2009). Evaluative processing. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences* (p. 158). New York: Oxford University Press.
- Berntson, G. G., & Cacioppo, J. T. (2009). *Handbook of neuroscience for the behavioral sciences*. New York: John Wiley & Sons.
- Berntson, G. G., & Cacioppo, J. T. (2009). Peripheral psychophysiology. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences* (pp. 301-304). New York: Oxford University Press.
- Berntson, G. G., & Cacioppo, J. T. (2009). Somatovisceral feedback. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences* (pp. 381-382). New York: Oxford University Press.

- Berntson, G. G., Norman, G. J., & Cacioppo, J. T. (2009). Evaluative processes. In G. G. Berntson & J. T. Cacioppo (Eds.), *Handbook of neuroscience for the behavioral sciences*. New York: Wiley.
- Cacioppo, J. T., & Berntson, G. G. (2009). Integrative neuroscience for the behavioral sciences: Implications for inductive inference. In G. G. Berntson & J. T. Cacioppo (Eds.), *Handbook of neuroscience for the behavioral sciences*. New York: Wiley.
- Cacioppo, J. T., & Berntson, G. G. (2009). Social neuroscience. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences* (pp. 375-376). New York: Oxford University Press.
- Cacioppo, J. T., & Berntson, G. G. (2009). Social neuroscience. In H. Reis & S. Sprecher (Eds.), *Encyclopedia of Human Relationships* (pp. 1552-1554). Thousand Oaks, CA: Sage Press.
- Cacioppo, J. T., & Berntson, G. G. (2009). Social neuroscience. In D. Sander & K. Scherer (Eds.), *Oxford Companion to the Affective Sciences*. New York: Oxford University Press.
- Cacioppo, J. T., & Decety, J. (2009). What are the brain mechanisms on which psychological processes are based? *Perspectives on Psychological Science*, 4, 10-18.
- Cacioppo, J. T., Fowler, J. H., & Christakis, N. A. (2009). Alone in the crowd: The structure and spread of loneliness in a large social network. *Journal of Personality and Social Psychology*, 97, 977-991. PMC ID number: 2792572.
- Reprinted in Baumeister, R. F., & Vohs, K. D. (2011). *New directions in social psychology*. Thousand Oaks, CA: Sage Publications.
- Cacioppo, J. T., & Hawkley, L. C. (2009). Loneliness. In M. R. Leary & R. H. Hoyle (Eds.), *Handbook of individual differences in social behavior* (pp. 227-240). New York: Guilford.
- Cacioppo, J. T., & Hawkley, L. C. (2009). Perceived social isolation and cognition. *Trends in Cognitive Sciences*, 13(10), 447-454. NIHMS[136983]. PMC ID number: 2752489. doi: [10.1016/j.tics.2009.06.005](https://doi.org/10.1016/j.tics.2009.06.005)
- Cacioppo, J. T., Norris, C. J., Decety, J., Monteleone, G., & Nusbaum, H. (2009). In the eye of the beholder: Individual differences in perceived social isolation predict regional brain activation to social stimuli. *Journal of Cognitive Neuroscience*, 21, 83-92. NIHMS163844, <http://www.pubmedcentral.gov/articlerender.fcgi?artid=2810252>. PMC ID number: 2810252.
- Epley, N., Converse, B. A., Delbosc, A., Monteleone, G. G., & Cacioppo, J. T. (2009). Believers' estimates of God's beliefs are more egocentric than estimates of other people's beliefs. *Proceedings of the National Academy of Sciences*, 106(51), 21533-21538. PM ID number: 19955414.

- Hawkley, L. C., & Cacioppo, J. T. (2009). Loneliness. In H. Reis & S. Sprecher (Eds.), *Encyclopedia of Human Relationships* (pp. 985-990). Thousand Oaks, CA: Sage Publications.
- Hawkley, L. C., Thisted, R. A., & Cacioppo, J. T. (2009). Loneliness predicts reduced physical activity: Cross-sectional and longitudinal analyses. *Health Psychology, 28*, 354-363. PMC ID number: 2791498.
- Larsen, J. T., Norris, C. J., McGraw, A. P., Hawkley, L. C., & Cacioppo, J. T. (2009). The evaluative space grid: A single-item measure of positivity and negativity. *Cognition and Emotion, 23*, 453-480.
- MacArthur Foundation Research Network on an Aging Society. (2009). Facts and fictions about an aging America. *Contexts, 8*(4), 16-21.
- Masi, C. M., Hawkley, L. C., Xu, X., Veenstra, T. D., & Cacioppo, J. T. (2009). Serum estrogen metabolites and systolic blood pressure among middle-aged and older men and women. *American Journal of Hypertension, 22*, 1148-1153. PMC ID number: 2766426
- Monteleone, G. T., Phan, K. L., Nusbaum, H. C., Fitzgerald, D., Hawkley, L. C., Irick, J. S., Fienberg, S. E., & Cacioppo, J. T. (2009). Detection of deception using functional magnetic resonance imaging: Well above chance, though well below perfection. *Social Neuroscience, 4*, 528-538.
- Nusbaum, H. C., & Cacioppo, J. T. (2009). Expanding neuroeconomics. *Harvard College Economics Review 3*, 39-42.
- Semin, G. R., & Cacioppo, J. T. (2009). From embodied representation to co-regulation. In J. A. Pineda (Ed.), *Mirror neuron systems: Role of mirroring processes in social cognition* (pp.107-120). Totowa, NJ: The Humana Press.
- Singh, P., Hawkley, L. C., McDade, T. W., Cacioppo, J. T., & Masi, C. M. (2009). Autonomic tone and C-reactive protein: A prospective population-based study. *Clinical Autonomic Research, 19*, 367-374. PMC ID number: 2783459.
- Tremeau, F., Antonius, D., Cacioppo, J. T., Ziwich, R., Jalbrzikowski, M., Saccente, E., Silipo, G., Butler, P., & Javitt, D. (2009). In support of Bleuler: Objective evidence for increased affective ambivalence in schizophrenia based upon evocative testing. *Schizophrenia Research, 107*, 223-231.
- Bartels, M., Cacioppo, J. T., Hudziak, J. J., & Boomsma, D. I. (2008). Genetic and environmental contributions to stability in loneliness throughout childhood. *American Journal of Medical Genetic Part B: Neuropsychiatric Genetics, 147B*, 385-391. PM ID number: 17918194.
- Berntson, G. G., & Cacioppo, J. T. (2008). A contemporary perspective on multilevel analyses and social neuroscience. In F. Kessel, P. L. Rosenfeld, & N. B. Anderson (Eds.). *Interdisciplinary research: Case studies from health and social science* (pp. 21-43). New York: Oxford University Press.  
<http://psychology.uchicago.edu/socpsych/faculty/jtcreprints/bc.03.pdf>

- Berntson, G. G., & Cacioppo, J. T. (2008). Nonadditive determinism. In W. A. Darity (Ed.), *International Encyclopedia of the Social Sciences* (2<sup>nd</sup> Ed., pp. 330-331), Farmington Hills, MI: McMillan/Thomson Gale.
- Berntson, G. G., & Cacioppo, J. T. (2008). The functional neuroarchitecture of evaluative processes. In A. J. Elliot (Ed.), *Handbook of approach and avoidance motivation* (pp. 307-321). New York, NY: Psychology Press.
- Berntson, G. G., & Cacioppo, J. T. (2008). The neuroevolution of motivation. In J. Shah & W. Gardner (Eds.), *Handbook of motivation science* (pp.188-200). New York: Guilford.
- Berntson, G. G., Norman, G. J., Hawkley, L. C., & Cacioppo, J. T. (2008). Cardiac autonomic balance vs. cardiac regulatory capacity. *Psychophysiology*, 45, 643-652.
- Berntson, G. G., Norman, G. J., Hawkley, L. C., & Cacioppo, J. T. (2008). Spirituality and autonomic cardiac control. *Annals of Behavioral Medicine*, 35, 198 - 208.
- Cacioppo, J. T. (2008). A letter to young scientists. *Observer*, 21, 3 & 39-40.
- Cacioppo, J. T. (2008). Domain Introduction. In F. Kessel, P. L. Rosenfeld, & N. B. Anderson (Eds.), *Interdisciplinary research: Case studies from health and social science* (pp. 13-20). New York: Oxford University Press.  
<http://psychology.uchicago.edu/socpsych/faculty/jtcreprints/bc.03.pdf>
- Cacioppo, J. T. (2008). Metrics of science. *Observer*, 21, 3, 35 -37.
- Cacioppo, J. T. (2008). Opportunities for Psychological Scientists at the National Institute on Drug Abuse. *Observer*, 21, 3 & 36-38.
- Cacioppo, J. T. (2008). Opportunities for psychological scientists at the National Institute of Mental Health. *Observer*, 21, 3 & 40-41.
- Cacioppo, J. T. (2008). Opportunities for psychological scientists at the National Institute on Aging. *Observer*, 21, 3 & 37-38.
- Cacioppo, J. T., Berntson, G. G., & Nusbaum, H. C. (2008). Neuroimaging as a new tool in the toolbox of psychological science. *Current Directions in Psychological Science*, 17, 62-67.
- Cacioppo, J. T., Berntson, G. G., & Thisted, R. A. (2008). Multilevel investigations: Conceptual mappings and perspectives. In Weinstein, M., Vaupel, J. W., & Wachter, K. W. (Eds.), *Biosocial surveys* (pp. 367-380). Washington, D.C.: The National Academies Press.
- Cacioppo, J. T., Hawkley, L. C., Kalil, A., Hughes, M. E., Waite, L., & Thisted, R. A. (2008). Happiness and the invisible threads of social connection: The Chicago Health, Aging, and Social Relations Study. In M. Eid & R. Larsen (Eds.), *The science of well-being* (pp. 195-219). New York: Guilford.
- Cacioppo, J. T., & Patrick, B. (2008). *Loneliness: Human nature and the need for social connection*. New York: W. W. Norton & Company.

- Cacioppo, J. T., & Patrick, W. (2008). The uniqueness of humans and their brains. Book review of the *Human: The Science Behind What Makes Us Unique* by M. S. Gazzaniga. *Nature Neuroscience*, *11*, 1119.
- Egidi, G., Nusbaum, H., C., & Cacioppo, J. T. (2008). Neuroeconomics: Foundational issues and consumer relevance. In C. P. Haugvedt, P. Herr, & F. Kardes (Eds.), *Handbook of consumer psychology* (pp. 1215-1238). Mahwah, NJ: Erlbaum.
- Epley, N., Akalis, S., Waytz, A., & Cacioppo, J. T. (2008). Creating social connection through inferential reproduction: Loneliness and perceived agency in gadgets, gods, and greyhounds. *Psychological Science*, *19*, 114-120.
- Epley, N., Waytz, A., Akalis, S., & Cacioppo, J. T. (2008). When we need a human: Motivational determinants of anthropomorphism. *Social Cognition*, *26*, 143-155.
- Hawkey, L. C., Hughes, M. E., Waite, L. J., Masi, C. M., Thisted, R. A., & Cacioppo, J. T. (2008). From social structure factors to perceptions of relationship quality and loneliness: The Chicago Health, Aging, and Social Relations Study. *Journal of Gerontology: Social Sciences*, *63B*, S375-S384.
- Lamm, C., Porges, E. C., Cacioppo, J. T., & Decety, J. (2008). Perspective taking is associated with specific facial responses during empathy for pain. *Brain Research*, *1227*, 153-161.
- Larsen, J. T., Berntson, G. G., Poehlmann, K. M., Ito, T. A., & Cacioppo, J. T. (2008). The psychophysiology of emotion. In M. Lewis, J. M. Haviland-Jones, & L. Feldman Barrett (Eds.), *Handbook of emotions*, 3rd ed. (pp. 180-195). New York: Guilford.
- Semin, G. R., & Cacioppo, J. T. (2008). Grounding social cognition: Synchronization, coordination, and co-regulation. In G. R. Semin & E. R. Smith (Eds.), *Embodied grounding: Social, cognitive, affective, and neuroscientific approaches* (pp. 119-147). New York: Cambridge University Press.
- Semin, G. R., & Cacioppo, J. T. (2008). In search for a conceptual location to share cognition. *Behavioral and Brain Sciences*, *31*, 37-38.