

MICHAEL L. M. MURPHY, PH.D.

Research Assistant Professor
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POSITION

Research Assistant Professor, Psychological Sciences, Texas Tech University 2019 – present

TRAINING & EDUCATION

Post-Doctoral Research Associate, Psychology, Carnegie Mellon University 2016 – 2019
Supervisor: Sheldon Cohen, Ph.D.

Ph.D., Psychology, Northwestern University 2012 – 2016
Ph.D. Supervisor: Gregory E. Miller, Ph.D.

M.A., Psychology, University of British Columbia 2009 – 2012
M.A. Supervisor: Gregory E. Miller, Ph.D.

B.S., Psychology (minor in Quantitative Science), University of Washington 2004 – 2009
Magna Cum Laude; Phi Beta Kappa
Undergraduate Research Supervisor: Peter P. Vitaliano, Ph.D.

AWARDS

Institute for Policy Research Graduate Fellow (\$22,419), *Northwestern University* 2015 – 2016
Walter Dill Scott Scholarship (\$23,523), *Northwestern University* 2014 – 2015
Florence Sales Teaching Fellow (\$300), *Northwestern University* 2014
Institute for Policy Research Graduate Fellow (\$11,562), *Northwestern University* 2013 – 2014
APS Scholar Award (\$500), *American Psychosomatic Society* 2013
Walter Dill Scott Scholarship (\$21,876), *Northwestern University* 2012 – 2013
UBC Doctoral Fellowship (\$21,007), *University of British Columbia* 2011 – 2012
Department of Psychology Fellowship (\$16,000), *University of British Columbia* 2010 – 2011
International Partial Tuition Scholarship (\$9,498), *University of British Columbia* 2009 – 2012
Graduate Entrance Award (\$17,500), *University of British Columbia* 2009 – 2010
College of Arts and Sciences Dean's Medal Finalist, *University of Washington* 2009

PUBLICATIONS (H-INDEX = 12)

- Cohen, S., **Murphy, M. L. M.**, & Prather, A. A. (2019). Ten surprising facts about stressful life events and disease risk. *Annual Review of Psychology*, *70*, 577-597. doi: [10.1146/annurev-psych-010418-102857](https://doi.org/10.1146/annurev-psych-010418-102857)
- Murphy, M. L. M.**, Janicki-Deverts, D., & Cohen, S. (2018). Receiving a hug is associated with the attenuation of negative mood that occurs on days with interpersonal conflict. *PLOS ONE*, *13*, e0203522. doi: [10.1371/journal.pone.0203522](https://doi.org/10.1371/journal.pone.0203522)
- Crittenden, C. N., **Murphy, M. L. M.**, & Cohen, S. (2018). Social integration and age-related decline in lung function. *Health Psychology*, *37*, 472-480. doi: [10.1037/hea0000592](https://doi.org/10.1037/hea0000592)
- Chin, B., **Murphy, M. L. M.**, & Cohen, S. (2018). Age moderates the association between social integration and diurnal cortisol measures. *Psychoneuroendocrinology*, *90*, 102-109. doi: [10.1016/j.psyneuen.2018.02.008](https://doi.org/10.1016/j.psyneuen.2018.02.008)
- Boggero, I. A., Hostinar, C. E., Haak, E. A., **Murphy, M. L. M.**, & Segerstrom, S. C. (2017). Psychosocial functioning and the cortisol awakening response: Meta-analysis, *p*-curve analysis, and evaluation of the evidential value in existing studies. *Biological Psychology*, *129*, 207-230. doi: [10.1016/j.biopsycho.2017.08.058](https://doi.org/10.1016/j.biopsycho.2017.08.058)
- Murphy, M. L. M.**, Cohen, S., Janicki-Deverts, D., & Doyle, W. J. (2017). Offspring of parents who were separated and not speaking to one another have reduced resistance to the common cold as adults. *Proceedings of the National Academy of Sciences of the United States of America*, *114*, 6515-6520. doi: [10.1073/pnas.1700610114](https://doi.org/10.1073/pnas.1700610114)
- Cohen, S., Chin, B., **Murphy, M. L. M.**, Janicki-Deverts, D. (2017). A lesson in controlling for third factors and reading before you write: A reply to Giannouli. *Psychoneuroendocrinology*, *81*, 158. doi: [10.1016/j.psyneuen.2017.02.032](https://doi.org/10.1016/j.psyneuen.2017.02.032)
- Chin, B., **Murphy, M. L. M.**, Janicki-Deverts, D., & Cohen, S. (2017). Marital status as a predictor of diurnal salivary cortisol output and slopes in a community sample of healthy adults. *Psychoneuroendocrinology*, *78*, 68-75. doi: [10.1016/j.psyneuen.2017.01.016](https://doi.org/10.1016/j.psyneuen.2017.01.016)
- Murphy, M. L. M.**, Slavich, G. M., Chen, E., & Miller, G. E. (2015). Targeted rejection predicts decreased anti-inflammatory gene expression and increased symptom severity in youth with asthma. *Psychological Science*, *26*, 111-121. doi: [10.1177/0956797614556320](https://doi.org/10.1177/0956797614556320)
- Miller, G. E., **Murphy, M. L. M.**, Cashman, R., Ma, R., Ma, J., Arevalo, J. M. G., Kobor, M. S., & Cole, S. W. (2014). Greater inflammatory activity and blunted glucocorticoid signaling in monocytes of chronically stressed caregivers. *Brain, Behavior, and Immunity*, *41*, 191-199. doi: [10.1016/j.bbi.2014.05.016](https://doi.org/10.1016/j.bbi.2014.05.016)
- Ross, K. M., **Murphy, M. L. M.**, Adam, E. K., Chen, E., & Miller, G. E. (2014). How stable are diurnal cortisol activity indices in healthy participants? Evidence from three multi-wave studies. *Psychoneuroendocrinology*, *39*, 184-193. doi: [10.1016/j.psyneuen.2013.09.016](https://doi.org/10.1016/j.psyneuen.2013.09.016)

- Murphy, M. L. M.,** Slavich, G. M., Rohleder, N., & Miller, G. E. (2013). Targeted rejection triggers differential pro- and anti-inflammatory gene expression in adolescents as a function of social status. *Clinical Psychological Science, 1*, 30-40. doi: [10.1177/2167702612455743](https://doi.org/10.1177/2167702612455743)
- Murphy, M. L. M.,** Miller, G. E., & Wrosch, C. (2013). Conscientiousness and stress exposure and reactivity: A prospective study of adolescent females. *Journal of Behavioral Medicine, 36*, 153-164. doi: [10.1007/s10865-012-9408-2](https://doi.org/10.1007/s10865-012-9408-2)
- Tomfohr, L. M., **Murphy, M. L. M.,** Miller, G. E., & Puterman, E. (2011). Multiwave associations between depressive symptoms and endothelial function in young adult females. *Psychosomatic Medicine, 73*, 456-461. doi: [10.1097/PSY.0b013e3182228644](https://doi.org/10.1097/PSY.0b013e3182228644)
- Vitaliano, P. P., **Murphy, M.,** Young, H. M., Echeverria, D., & Borson, S. (2011). Does caring for a demented spouse promote cognitive decline? A hypothesis and proposed mechanisms. *Journal of the American Geriatric Society, 59*, 900-908. doi: [10.1111/j.1532-5415.2011.03368.x](https://doi.org/10.1111/j.1532-5415.2011.03368.x)

PRESENTATIONS

- Murphy, M. L. M.** (2019, October). *The best of times and the worst of times? The psychobiology of how our social relationships can help and harm our health.* Invited presentation at the Texas Tech University Department of Biological Sciences Fall 2019 Seminar Series. Lubbock, TX, USA.
- Corallo, K. L., Lyle, S. M., **Murphy, M. L. M.,** & Ehrlich, K. B. (2019, March). *Early environments, parental overprotection, and susceptibility to the common cold.* Poster session presented at the 77th annual meeting of the American Psychosomatic Society. Vancouver, BC, Canada.
- Chin, B., **Murphy, M. L. M.,** Janicki-Deverts, D., & Cohen, S. (2017, January). *Marital status as a predictor of diurnal salivary cortisol outputs and slopes in a community sample of healthy adults.* Data blitz oral session presented at the 7th annual Social Personality and Health Network Preconference. San Antonio, TX, USA.
- Murphy, M. L. M.,** Ehrlich, K. B., & Miller, G. E. (2016, May). *Caregivers' use of cognitive processing words is associated with improved cortisol and depression outcomes.* Poster session presented at the 28th annual convention of the Association for Psychological Science. Chicago, IL, USA.
- Murphy, M. L. M.,** Slavich, G. M., Chen, E., & Miller, G. E. (2014, March). *Targeted rejection life events uniquely predict downregulation of anti-inflammatory signaling molecules and increased symptom severity in youth with asthma.* Oral session presented at the 72nd annual meeting of the American Psychosomatic Society. San Francisco, CA, USA.
- Murphy, M. L. M.,** Slavich, G. M., Chen, E., & Miller, G. E. (2013, December). *Major social rejection life events, but not other major life events, predict decreased leukocyte expression of GR and β 2-AR mRNA, and increased symptoms in youth with asthma.* Oral session presented at the 6th annual Brain Behavior and Immunity Meeting of Illinois, Chicago, IL, USA.

Murphy, M. L. M., & Miller, G. E. (2013, March). *Caregiving is associated with changes in monocyte sensitivity to glucocorticoids over time*. Oral session presented at the 71st annual meeting of the American Psychosomatic Society. Miami, FL, USA.

Ross, K. M., Adam, E. K., **Murphy, M. L. M., & Miller, G. E.** (2013, March). *Are cortisol measures state- or trait-like? A multilevel model assessment of cortisol indices stability*. Poster session presented at the 71st annual meeting of the American Psychosomatic Society. Miami, FL, USA.

Murphy, M. L. M., Slavich, G. M., Rohleder, N., & Miller, G. E. (2012, December). *The impact of social rejection on immune processes and health in youth: Current findings and future directions*. Oral session presented at the 5th annual Brain Behavior and Immunity Meeting of Illinois, Chicago, IL, USA.

Slavich, G. M., **Murphy, M. L. M., Miller, G. E.** (2012, June). *Targeted rejection life events trigger altered glucocorticoid receptor mRNA expression and major depressive disorder in adolescents*. Poster session presented at the 19th annual meeting of the Psychoneuroimmunology Research Society, San Diego, CA, USA.

Slavich, G. M., **Murphy, M. L. M., Miller, G. E.** (2012, March). *Targeted rejection during adolescence predicts increased risk for depression*. Oral session presented at the 70th annual meeting of the American Psychosomatic Society. Athens, Greece.

Murphy, M. L. M., Slavich, G. M., & Miller, G. E. (2012, March). *Targeted rejection predicts increased pro- and anti-inflammatory gene expression in high status youth*. Poster session presented at the 70th annual meeting of the American Psychosomatic Society. Athens, Greece.

Murphy, M. L. M., Muñoz, C., & Miller, G. E. (2011, June). *Sex differences in interleukin-6 production and glucocorticoid sensitivity in response to caregiving*. Poster session presented at the 18th annual meeting of the Psychoneuroimmunology Research Society, Chicago, IL, USA.

Murphy, M., & Miller, G. E. (2010, March). *Pathways linking inflammation with chronic stress*. Poster session presented at the 68th annual meeting of the American Psychosomatic Society. Portland, OR, USA.

MEMBERSHIPS

American Psychosomatic Society
Association for Psychological Science
Psychoneuroimmunology Research Society

AD HOC REVIEWER

Attachment & Human Development (invited guest action editor)
Biological Psychiatry
Emotion
Journal of Behavioral Health

Journal of Behavioral Medicine
Journal of Gerontology: Psychological Sciences
Journal of Social and Personal Relationships
 PLOS ONE
Psychoneuroendocrinology
Psychosomatic Medicine
Time-Sharing Experiments for the Social Sciences (TESS)

TEACHING EXPERIENCE

Note: TA = Teaching Assistant; TF = Teaching Fellow; Co-I = Co-Instructor; I = Instructor; UC = Undergraduate Course; GC = Graduate Course

Texas Tech University

Behavioral Medicine (I; GC)	08/2020 – 12/2020
Health Psychology (I; UC)	08/2020 – 12/2020
Behavioral Medicine (I; GC)	01/2020 – 05/2020
Health Psychology (I; UC)	08/2019 – 12/2019

Carnegie Mellon University

Health Psychology (Co-I; UC/GC)	08/2018 – 12/2018
Health Psychology (Co-I; UC/GC)	08/2017 – 12/2017
Social Factors & Well-Being (Co-I; UC/GC)	01/2017 – 05/2017
Health Psychology (Co-I; UC/GC)	08/2016 – 12/2016

Northwestern University

Research Methods in Psychology (TA; UC)	09/2015 – 12/2015
Statistical Methods in Psychology (TA; UC)	03/2015 – 06/2015
Research Methods in Psychology (TF; UC)	01/2014 – 03/2014
Research Methods in Psychology (TA; UC)	01/2013 – 03/2013
Evolutionary Psychology & Behavior Genetics (TA; UC)	09/2012 – 12/2012

University of British Columbia

Health Psychology (TA; UC)	01/2012 – 04/2012
Psychoneuroimmunology (TA; UC)	01/2011 – 04/2011
Health Psychology (TA; UC)	09/2010 – 12/2010

University of Washington

Statistical Inference in Psychological Research (TA; UC)	01/2009 – 03/2009
Introduction to Probability and Statistics for Psychology (TA; UC)	09/2008 – 12/2008
Statistical Inference in Psychological Research (TA; UC)	01/2008 – 03/2008
Introduction to Probability and Statistics for Psychology (TA; UC)	09/2007 – 12/2007
Understanding Statistics in Psychology (TA; UC)	03/2007 – 06/2007