

Curriculum Vitae
Annmarie MacNamara

Texas A&M University, Department of Psychological and Brain Sciences
Texas A&M Institute for Neuroscience (TAMIN)
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POSITIONS

Assistant Professor 2016-	Texas A & M University, Department of Psychological and Brain Sciences
Visiting Research Assistant Professor 2015-2016	University of Illinois at Chicago, Department of Psychiatry
Postdoctoral Fellow 2013-2015	University of Illinois at Chicago, Department of Psychiatry Mentor: Dr. K. Luan Phan
Lab Manager 2006-2007	New York University, Department of Psychology Mentor: Dr. David Amodio
Lab Manager 2001-2002	Concordia University, Montreal, Canada

PROFESSIONAL LICENSURE

Clinical Psychologist 2016-	State of Illinois (071.009287)
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EDUCATION

Doctor of Philosophy 2013	Stony Brook University, Department of Psychology, Clinical Psychology. Mentor: Dr. Greg Hajcak
Clinical Internship 2013	University of Illinois at Chicago, Department of Psychiatry
Master of Arts 2009	Stony Brook University, Department of Psychology, Clinical Psychology. Mentor: Dr. Greg Hajcak

Master of Fine Arts 2006	Glasgow School of Art, UK; Studio Arts
Bachelor of Arts 2001	McGill University, Psychology (honors). Mentor: Dr. Donald Taylor

GRANTS

Current

9/1/2019- 8/31/2022	<i>Texas A&M University (X Grant)</i> Engineering brain health using an adaptive wireless optogenetic neurostimulator Role: Team Member; PI, Dr. Stephen Maren, Total costs: \$1,429,612
8/1/2017- 7/31/2020	<i>National Science Foundation (Information and Intelligent Systems: Core Programs)</i> CHS: Medium: Collaborative Research: Managing stress in the workplace: Unobtrusive monitoring and adaptive interventions Role: Co-I (PI Gutierrez-Osuna), Total costs: \$1,200,000 (\$399,850 to TAMU)
9/1/2018- 8/31/2020	<i>Texas A&M University (T3)</i> Can Emergency Contraception Prevent PTSD Following Sexual Assault? Role: Co-PI with Downing & Meagher, Total costs: \$33,500
6/25/2018- 1/31/2020	<i>Texas A&M University (Liberal Arts Social Science Consortium Proof of Concept)</i> Manipulating Neurocircuits to Reduce Error Processing Role: PI, Total costs: \$5,000 (Co-I, Dr. Israel Liberzon)
6/25/2018- 1/31/2020	<i>Texas A&M University (Liberal Arts Social Science Consortium Proof of Concept)</i> Using the Late Positive Potential to Measure Emotional Reactivity in Infants Role: Co-I, Total costs: \$5,000 (PI, Dr. Rebecca Brooker)

Past

9/17/2015- 8/31/2019	<i>National Institute of Mental Health (K23 MH105553)</i> Brain-Behavior Markers of Negative Affectivity, Comorbidity in Anxiety Disorders Role: PI, Total costs: \$647,428
7/01/2013- 6/30/2015	<i>National Institute of Mental Health (T32 MH67631)</i> Role: PI Trainee, Total costs: \$82,944
11/19/2010- 12/30/2010	<i>Society for Psychophysiological Research (SPR) Research Fellowship</i> Role: PI Trainee, Total costs: \$818

HONORS AND AWARDS

2018	<i>Association for Psychological Science</i> Rising Star
2017	<i>Anxiety and Depression Association of America</i> Donald F. Klein Early Career Investigator Award, Finalist
2014	<i>Society of Biological Psychiatry</i> Travel Award
2014	<i>Department of Psychiatry, University of Illinois at Chicago</i> Top Poster Award, Research Extravaganza
2013	<i>College of Medicine, University of Illinois at Chicago (UIC)</i> Research Forum Award, Postdoctoral/Resident Honorable Mention
2011	<i>Psychonomic Society</i> Paper of the Year, <i>Cognitive, Affective and Behavioral Neuroscience</i>
2011	<i>Determinants of Executive Function and Dysfunction (DEFD)</i> , Boulder, CO Travel Award
2010	<i>Stony Brook University, Department of Psychology</i> Advanced Graduate Research Award
2009	<i>University of Michigan NIMH-sponsored</i> fMRI Course Travel Award
2008	<i>University of Wisconsin, Madison</i> Wisconsin Symposium on Emotion Fellow
2008-2013	<i>Stony Brook University, Graduate Student Organization</i> Travel Award
2008-2011	<i>Stony Brook University, Department of Psychology</i> Travel Award

APPOINTED EDITORIAL POSITIONS

06/01/2018-	<i>Cognitive, Affective and Behavioral Neuroscience (CABN)</i> , Consulting Editorial Board
02/01/2018-	<i>Psychophysiology</i> , Consulting Editorial Board

PUBLICATIONS

* Shared first authorship

† Graduate or undergraduate student who I mentored

‡ Post-baccalaureate trainee who I mentored

Peer-reviewed:

1. Imburgio, M. J. † & **MacNamara, A.** (in press). Cognitive reappraisal in an unpredictable world: prior context matters. *International Journal of Psychology*.
2. Brooker, R. J., Keil, E. J., **MacNamara, A.**, Nyman, T., John-Henderson, N. A., Van Lieshout, R. & Schmidt, L. A. (in press). Maternal Neural Reactivity During Pregnancy Predicts Infant Temperament. *Infancy*.

3. Stange, J. P. [†], **MacNamara, A.**, Kennedy, A. E., Hajcak, G., Phan, K. L., & Klumpp, H. (in press). Brain-Behavioral Adaptability Predicts Response to Cognitive Behavioral Therapy for Emotional Disorders: A Person-Centered Event-Related Potential Study. *Neuropsychologia*.
4. **MacNamara, A.**, Jackson, T. B. [†], Fitzgerald, J. M. [†], Hajcak, G. & Phan, K. L. (2019). Working memory load and negative picture processing: Neural and behavioral associations with panic, social anxiety and positive affect. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 4: 151-159.
5. **MacNamara, A.** & Barley, B. [‡], (2018). Event-related potentials to threat of predictable and unpredictable shock. *Psychophysiology*, 55(10): e13206.
6. **MacNamara, A.** (2018). In the Mind's Eye: The late positive potential to negative and neutral mental imagery and intolerance of uncertainty. *Psychophysiology*, 55(5): e13024.
7. **MacNamara, A.**, Rabinak, C. A., Kennedy, A. E., & Phan, K. L. (2018). Convergence of fMRI and ERP measures of emotional face processing. *Psychophysiology*, 55(2): e12988.
8. Goldschmidt, A.B., Dickstein, D.P., **MacNamara, A.**, Phan, K.L., O'Brien, S., Le Grange, D., Fisher, J.O., & Keedy, S. (2018). A pilot study of neural correlates of loss of control eating in children with overweight/obesity: Probing intermittent access to food as a means of eliciting disinhibited eating. *Journal of Pediatric Psychology*, 43(8): 846–855.
9. Waszczuk, M. A., Zimmerman, M., Ruggero, C. J., Li, K., **MacNamara, A.**, Weinberg, A., Hajcak, G., Watson, D. & Kotov, R. (2017). What do clinicians treat: diagnoses or symptoms? The incremental validity of a symptom-based, dimensional characterization of emotional disorders in predicting medication prescription patterns. *Comprehensive Psychiatry*, 79: 80-88.
10. **MacNamara, A.**, Klumpp, H., Kennedy, A. E., Langenecker, S. A. & Phan, K. L. (2017). Transdiagnostic neural correlates of affective face processing in anxiety and depression. *Depression and Anxiety*, 34(7): 621-631.
11. Fitzgerald, J. M. [†], **MacNamara, A.**, Kennedy, A. E., Rabinak, C. A., Rauch, S. A. M., Liberzon, I. & Phan, K. L. (2017). Individual Differences in Cognitive Reappraisal Use and Emotion Regulatory Brain Function in Combat-Exposed Veterans with and without PTSD. *Depression and Anxiety*, 34(1): 79-88.
12. Stange, J. P. [†], **MacNamara, A.**, Barnas, O. [†], Kennedy, A. E., Hajcak, G., Phan, K. L., & Klumpp, H. (2017). Neural Markers of Attention to Aversive Pictures Predict Response to Cognitive Behavioral Therapy in Anxiety and Depression. *Biological Psychology*, 123: 269-277.
13. Xing, M. [†], Tadayonnejad, R., **MacNamara, A.**, Ajilore, O., DiGangi, J., Phan, K. L., Leow, A. & Klumpp, H. (2017). Resting-State Theta Band Connectivity and Graph Analysis in Generalized Social Anxiety Disorder. *Neuroimage: Clinical*, 13: 24-32.
14. Gorka, S. M. ^{*}, **MacNamara, A.** ^{*}, Aase, D. M., Proescher, E., Greenstein, J. E., Walters, R., Passi, H., Kennedy, A. E., DiGangi, J. A., Rabinak, C. A., Afshar, K. [†], Fitzgerald, J. M., Hajcak, G., & Phan, K. L. (2016). Impact of Alcohol Use Disorder Comorbidity on Defensive Reactivity to Errors in Veterans with Post-traumatic Stress Disorder. *Psychology of Addictive Behaviors*, 30(7): 733-742.

15. **MacNamara, A.**, DiGangi, J. & Phan, K. L. (2016). Aberrant circuits in the anxious brain: A review of spontaneous and task-dependent functional connectivity studies. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 1(3): 278-287.
16. **MacNamara, A.**, Kotov, R. & Hajcak, G. (2016). Diagnostic and symptom-based predictors of emotional processing in generalized anxiety disorder and major depressive disorder: An event-related potential study. *Cognitive Therapy and Research*, 40(3): 275-289.
17. **MacNamara, A.** & Phan, K. L. (2016). Psychobiological operationalization of RDoC constructs: methodological and conceptual opportunities and challenges. *Psychophysiology*, 53(3): 406-409.
18. Fitzgerald, J. M. [†], **MacNamara, A.**, Kennedy, A. E., Rabinak, C. A., Rauch, S. A. M., Hajcak, G. & Phan, K. L. (2016). An electrocortical investigation of voluntary emotion regulation in combat-related posttraumatic stress disorder. *Psychiatry Research: Neuroimaging*, 249: 113-121.
19. **MacNamara, A.**, Rabinak, C. A., Kennedy, A. E., Fitzgerald, D. A., Liberzon, I., Stein, M. B., Phan, K. L. (2016). Emotion regulatory brain function and SSRI treatment in PTSD: Neural correlates and predictors of change. *Neuropsychopharmacology*, 41(2), 611-618.
20. **MacNamara, A.**, Vergés, A. [†], Kujawa, A., Fitzgerald, K. D., Monk, C. S. & Phan, K. L. (2016). Age-related changes in emotional face processing across childhood and into young adulthood: evidence from event-related potentials. *Developmental Psychobiology*, 58(1), 27-38.
21. Kujawa, A., **MacNamara, A.**, Fitzgerald, K., Monk, C. & Phan, K. L. (2015). Enhanced Neural Reactivity to Threatening Faces in Anxious Youth: Evidence from Event-Related Potentials. *Journal of Abnormal Child Psychology*, 43(8), 1493-1501.
22. **MacNamara, A.**, Rabinak, C. A., Fitzgerald, D. A., Zhou, X. J., Shankman, S. A., Milad, M. R., & Phan, K. L. (2015). Neural correlates of individual differences in fear learning. *Behavioural Brain Research*. 287, 34-41.
23. Kappenman, E. S. ^{*}, **MacNamara, A.** ^{*} & Proudfit, G. H. (2014). Electrocortical evidence for rapid allocation of attention to threat in the dot-probe task. *Social Cognitive and Affective Neuroscience*. 10(4), 577-583.
24. Rabinak, C. A. ^{*}, **MacNamara, A.** ^{*}, Kennedy, A. E., Angstadt, M., Stein, M. B., Liberzon, I. & Phan, K. L. (2014). Focal and aberrant prefrontal engagement during emotion regulation in veterans with posttraumatic stress disorder. *Depression and Anxiety*. 31(10), 851-861.
25. **MacNamara, A.**, & Proudfit, G. H. (2014). Cognitive load and emotional processing in Generalized Anxiety Disorder: Electrocortical evidence for increased distractibility. *Journal of Abnormal Psychology*. 123(3), 557-565.
26. Schmidt, J., **MacNamara, A.**, Proudfit, G. H. & Zelinsky, G. J. (2014). More target features in visual working memory leads to poorer search guidance: Evidence from Contralateral Delay Activity. *Journal of Vision*, 14(3):8, 1-19.

27. **MacNamara, A.**, Post, D., Kennedy, A. E., Rabinak, C. A. & Phan, K. L. (2013). Electrocortical Processing of Social Signals of Threat in Combat-related Post-Traumatic Stress Disorder. *Biological Psychology*, 94(2), 441-449.

28. Wheaton, M., Holman, A., Rabinak, C. A., **MacNamara, A.**, Proudfoot, G. H. & Phan, K. L. (2013). Danger and disease: Electrocortical responses to threat- and disgust-eliciting images. *International Journal of Psychophysiology*, 90(2), 235-239.

29. Hajcak, G., **MacNamara, A.**, Foti, D., Ferri, J. & Keil, A. (2013). The dynamic allocation of attention to emotion: Simultaneous and independent evidence from the late positive potential and steady state visual evoked potentials. *Biological Psychology*, 92(3), 447-455.

30. Parvaz, M. A., **MacNamara, A.**, Goldstein, R. Z., & Hajcak, G. (2012). Event-related frontal alpha as a marker of lateral prefrontal cortex activation during cognitive reappraisal. *Cognitive, Affective and Behavioral Neuroscience*, 12(4), 730-740.

31. **MacNamara, A.**, Schmidt, J., Hajcak, G. & Zelinsky, G. J. (2012). Electrocortical and ocular indices of attention to fearful and neutral faces presented under high and low working memory load. *Biological Psychology*, 91(3), 349-356.

32. **MacNamara, A.**, Ferri, J. & Hajcak, G. (2011). Working memory load reduces the LPP and this effect is attenuated with increasing anxiety. *Cognitive, Affective and Behavioral Neuroscience*, 11(3), 321-331.

33. **MacNamara, A.**, Ochsner, K. N. & Hajcak, G. (2010). Previously reappraised: the lasting effect of description type on picture-elicited electrocortical activity. *Social, Cognitive and Affective Neuroscience*, 6(3), 348-358.

34. **MacNamara, A.**, & Hajcak, G. (2010). Distinct electrocortical and behavioral evidence for increased attention to threat in Generalized Anxiety Disorder. *Depression and Anxiety*, 27(3), 234-243.

35. Hajcak, G., **MacNamara, A.**, & Olvet, D. M. (2010). Event-related potentials, emotion, and emotion regulation: An Integrative Review. *Developmental Neuropsychology*, 35(2), 129-155.

36. **MacNamara, A.**, & Hajcak, G. (2009). Anxiety and spatial attention moderate the neural response to aversive pictures. *Neuropsychologia*, 47(13), 2975-2980.

37. **MacNamara, A.**, Foti, D., & Hajcak, G. (2009). Tell me about it: Neural activity elicited by emotional pictures and preceding descriptions. *Emotion*, 9(4), 531-543.

Conference Proceedings:

Xing, M. [‡], Ajilore, O., Wolfson, O. E., Abbott, C., **MacNamara, A.**, Tadayonnejad, R., Forbes, A., Phan, K. L., Klumpp, H. & Leow, A., (2016). Thought Chart: Tracking Dynamic EEG Brain Connectivity with Unsupervised Manifold Learning. *Brain Informatics and Health. BIH 2016. Lecture Notes in Computer Science*, 9919: 149-157.

Xing, M. ‡, Tadayonnejad, R., **MacNamara, A.**, Ajilore, O., Phan, K. L., Klumpp, H. & Leow, A., (2016). EEG based functional connectivity reflects cognitive load during emotion regulation *IEEE 13th International Symposium on Biomedical Imaging (ISBI)*, 771–774.

Book chapters:

MacNamara, A. & Phan, K. L. (2018). Neurocircuitry of Affective, Cognitive and Regulatory Systems. In C. Schmahl, K. L. Phan & R. O. Frieder (Eds). *Neurobiology of Personality Disorders*. (pp. 3-38). New York: Oxford University Press.

MacNamara, A. & Phan, K. L. (2016). Prefrontal-Limbic Brain Circuitry and the Regulation of Emotion. In I. Liberzon & K. J. Ressler (Eds). *Neurobiology of PTSD: From Brain to Mind* (pp. 169-191). New York: Oxford University Press.

MacNamara, A., Kappenman, E. S., Black, S. R., Bress, J. N., & Hajcak, G. (2013). Integrating Behavioral and Electrocortical Measures of Attentional Bias Toward Threat. In K. C. Barrett, N. A. Fox, G. A. Morgan, D. J. Fidler & L. A. Daunhauer (Eds.), *Handbook of Self-Regulatory Processes in Development: New Directions and International Perspectives* (pp. 215-246). New York: Psychology Press.

Hajcak, G., Weinberg, A., **MacNamara, A.**, & Foti, D. (2011). ERPs and the study of emotion. In S. J. Luck & E. S. Kappenman (Eds.), *Oxford Handbook of Event-Related Potential Components* (pp. 441-474). New York: Oxford University Press.

INVITED TALKS

MacNamara, A. (2019, Mar.). *Negative emotion generation and comorbidity load in the internalizing disorders*. Chinese Academy of Sciences, Beijing, China.

MacNamara, A. (2019, Jan.). *Threat regulation in PTSD: disease mechanisms and treatment targets*. PTSD Symposium, Dept. of Psychiatry, Texas A&M University.

MacNamara, A. (2018, Mar.). *Brain mechanisms of negative emotion generation and regulation: from psychiatric health to disease*. Presentation at Dr. T. Chaspari's graduate course, CSCE 689, Dept. of Computer Science and Engineering, Texas A&M University.

MacNamara, A. (2018, Mar.). *Using event-related potentials to assess emotion generation and regulation*. Presentation at Dr. S. Woltering's lab meeting, Dept. of Educational Psychology, Texas A&M University.

MacNamara, A. (2017, May). *Brain mechanisms of negative emotion generation and regulation across an anxiety spectrum*. Institute for Mental Health Research, University of Texas at Austin.

MacNamara, A. (2017, April). *Brain mechanisms of negative emotion generation and regulation: from psychiatric health to disease*. Behavioral and Cellular Neuroscience seminar, Dept. of Psychology, Texas A&M University.

MacNamara, A. (2017, Mar.). *Emotion generation and regulation in the brain: from basic mechanisms to clinical science*. Cognoscenti, Dept. of Psychology, Texas A&M University.

MacNamara, A. (2015, Oct.). *Aberrant threat processing in the anxiety disorders: evidence from ERPs and fMRI BOLD*. Department of Psychology, Purdue University.

MacNamara, A. (2014, May). *Multimodal measurement of human brain function: Integrating EEG and fMRI*. Junior Scholars Colloquium, Department of Psychiatry, University of Illinois at Chicago.

Schmidt, J., **MacNamara, A.**, Hajcak, G. & Zelinsky, G. J. (2011, Oct.). *Visual working memory, contralateral delay activity, search guidance, processing speed and their intertwined relationship*. Cognitive Psychology Brown Bag, Stony Brook University.

MacNamara, A. & Hajcak, G. (2011, June). *Attention toward threat, anxiety and the late positive potential (LPP)*. Center for Mind and Brain, University of California, Davis.

MacNamara, A. (2011, Mar.). *Working memory load modulates the LPP elicited by task-irrelevant pictures - and less so, in anxiety*. Clinical Psychology Brown Bag, Stony Brook University.

CONFERENCE PRESENTATIONS

* Shared first authorship

‡ Graduate or undergraduate student who I mentored

¥ Post-baccalaureate trainee who I mentored

MacNamara, A., Shankman, S. A. & Phan, K. L. (2019, Sept.). *Comorbidity load and negative picture processing in the anxiety disorders: a combined fMRI, startle eyeblink and EEG study*. A “Big Question Session” symposium presentation at the annual meeting of the Society for Psychophysiological Research, Washington DC.

Bauer, E. A. ‡, Morriss, J., Sandre, A., Lonsdorf, T. B., van Reekum, C. M., Weinberg, A. & **MacNamara, A.** (2019, Sept.). *Intolerance of uncertainty and threat generalization: a multimethod, collaborative replication*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Washington DC.

MacNamara, A. (2019, May). *The Suitability of Neuroscientific Measures for Assessment of Individual Differences: Strategies for Improvement*. Symposium chair, at the annual meeting of the Society of Biological Psychiatry, Chicago, IL.

MacNamara, A., Foti, D., Imburgio, M.J. ‡, Clark, D.A. ‡ & Weinberg, A. (2019, May). *Lessons from Test Construction: The Establishment of Norms and Item Analysis for Cognitive Affective ERPs*. Symposium presentation at the annual meeting of the Society of Biological Psychiatry, Chicago, IL.

MacNamara, A. (2018, Oct.). *Optimizing psychophysiological measures for the study of individual differences*. Panel chair, at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

MacNamara, A., Weinberg, A., Clark, D.A.[†] & Foti, D. (2018, Oct.). *Three approaches to improving electrocortical measures for the study of individual differences*. Panel presentation at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

Kaye, J. T., Weinberg, A. (chairs), Inzlicht, M. (discussant), Kappenman, E. S., Keil, A., Meyer, M. N., Larson, M. & **MacNamara, A.** (presenters). (2018, Oct.). *Open science: from pre-registration to replication to data sharing*. Panel presentation at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

MacNamara, A. (2017, Oct.). *Mapping a spectrum of affective reactivity in the internalizing disorders*. Symposium chair, at the annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

MacNamara, A., Kujawa, A., Kotov, R., Hajcak, G. & Phan, K. L. (2017, Oct.). *Negative emotion generation in anxiety and depression: distinct and opposing effects*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

MacNamara, A. (2017, April). *The late positive potential to imagined negative scenes*. “Poster Spotlight” presented at the annual meeting of the Society for Affective Science, Boston, MA.

Xing, M. [†], Ajilore, O., Wolfson, O. E., Abbott, C., **MacNamara, A.**, Tadayonnejad, R., Forbes, A., Phan, K. L., Klumpp, H. & Leow, A. (2016, Oct.) *Thought Chart: Tracking Dynamic EEG Brain Connectivity with Unsupervised Manifold Learning*. Oral presentation at the International Conference on Brain Informatics & Health (BIH'16), Omaha, NE.

Bunford, N. [†], Burkhouse, K. L. [†], Stange, J. [†], Kujawa, A., **MacNamara, A.**, Klumpp, H. & Phan, K. L. (2016, Sept.) *Bench to Bedside: Neural Predictors of Pharmacological and Psychotherapy Response in Pediatric and Adult Anxiety and Depression*. Oral presentation at the annual meeting of the British Association for Cognitive Neuroscience, Budapest, Hungary.

MacNamara, A., DiGangi, J., Klumpp, H., Kennedy, A. E., Roberts, J., Langenecker, S. A. & Phan, K. L. (2016, May). *Neural reactivity to affective social stimuli in generalized anxiety, social anxiety, major depressive and post-traumatic stress disorders: disorder-specific and transdiagnostic associations*. Oral presentation at the annual meeting of the Society of Biological Psychiatry, Atlanta, GA.

Xing, M. [†], Tadayonnejad, R., **MacNamara, A.**, Ajilore, O., Phan, K. L., Klumpp, H. & Leow, A., (2016, April). *EEG Based Functional Connectivity Reflects Cognitive Load During Emotion Regulation*. Oral presentation at the IEEE International Symposium on Biomedical Imaging (ISBI'16), Prague, Czech Republic.

MacNamara A., Rabinak, C. A., Fitzgerald, J. M., Kennedy, A. E., Fitzgerald, D. A., Liberzon, I., Stein, M. B. & Phan, K. L. (2016, March). *Neural correlates of emotion regulation in PTSD: SSRI treatment mechanisms and predictors of change*. Flash talk presented at the annual meeting of the Society for Affective Science, Chicago, IL.

Stange, J. P. [†], **MacNamara, A.**, Barnas, O. [†], Phan, K. L., & Klumpp, H. (2016, March). *Using Event-Related Potentials to Evaluate Neural Mechanisms of Attentional Control and Treatment Outcome for Emotional Disorders: An RDoC study*. “Poster Spotlight” presentation at the annual meeting of the Society for Affective Science, Chicago, IL.

MacNamara, A., Kujawa, A., Rubin, L. H., Roberts, J., Klumpp, H., Hajcak, G., Langenecker, S. A., Kotov, R., & Phan, K. L. (2015, Oct.). *Neural reactivity to social signals of threat in anxiety and depression*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Seattle, WA.

MacNamara, A. & Hajcak, G. (2012, Sept.). *Mechanisms underlying the regulation of attention toward emotional stimuli*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

MacNamara, A. & Hajcak, G. (2011, Sept.). *The late positive potential as an index of processing efficiency: modulation by working memory load and the attenuation of this effect in anxiety*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Boston, MA.

Hajcak, G., **MacNamara, A.**, Ferri, J., Dunning, J. P. & Foti, D. (2010, Oct.). *Electrocortical activity and the dynamic allocation of attention to emotion*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Portland, Oregon.

Hajcak, G., Foti, D., Weinberg, A. & **MacNamara, A.** (2010, May). *Stimulus salience, emotion, and event-related potentials*. Symposium presentation at the annual American Psychological Society conference, Boston, MA.

SELECTED POSTERS

* Shared first authorship

† Graduate or undergraduate student who I mentored

‡ Post-baccalaureate trainee who I mentored

Jackson, T. B.‡ & **MacNamara, A.** (2019, Sept.) *Working memory load, threat extinction and trait anxiety*. Presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Bauer, E. A.‡, Downing, N., Meagher, M. W. & **MacNamara, A.** (2019, Sept.) Modulation of threat learning and extinction by emergency contraception: an ERP and SCR investigation. Presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Jackson, T. B.‡ & **MacNamara, A.** (2019, Sept.) *Working memory load, threat extinction and trait anxiety*. Presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Downing, N., Bauer, E. A.‡, Meagher, M. W. & **MacNamara, A.** (2020, Feb.). *Modulation of threat learning and extinction by emergency contraception*. Presented at the annual meeting of the Southern Nursing Research Society, New Orleans, LA.

Huddleston, I.‡, Bauer, E. A.‡, Downing, N., Meagher, M. W., Welsh, T. H. & **MacNamara, A.** (2019, April). *Effects of emergency contraception on threat learning and extinction*. Presented at the President's Excellence Fund Symposium, College Station, TX.

Bauer, E. A. †, Sandre, A., Morriss, J., van Reekum, C. M., Weinberg, A. & **MacNamara, A.** (2018, Oct.). *Intolerance of uncertainty and threat generalization: A replication and extension.* Presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

Jackson, T. B. † & **MacNamara, A.** (2018, Oct.). *Electrocortical processing of negative and neutral pictures previously presented under working memory load and modulation by trait anxiety.* Presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

Ruchensky, J. † & **MacNamara, A.** (2018, Oct.). *The interactive effects of intolerance of uncertainty and depression on the error-related negativity.* Presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, QC, Canada.

Jackson, T. B. † & **MacNamara, A.** (2018, May). *Habitual use of reappraisal and psychophysiological reactivity to unpredictable threat: an event-related potential and startle eyeblink study.* Presented at the 73rd annual meeting of the Society of Biological Psychiatry, New York, NY.

Ruchensky, J. †, Jackson, T. B. †, Barley, B. ‡ & **MacNamara, A.** (2018, May). *Transdiagnostic depressive symptoms and affective blunting in an internalizing sample.* Presented at the annual meeting of the Society of Biological Psychiatry, New York, NY.

Thomas, G. † & **MacNamara, A.** (2018, April). *Stressor controllability and motivated attention toward negative and neutral pictures: an event-related potential study.* Presented at the annual meeting of the Society for Affective Science, Los Angeles, CA.

Jackson, T. B. † & **MacNamara, A.** (2018, April). *Working memory load affects subsequent exposure to negative and neutral pictures: an event-related potential study.* Presented at the annual meeting of the Society for Affective Science, Los Angeles, CA.

MacNamara, A., Fitzgerald, J.M. & Phan, K. L. (2017, May). *Using Anxiety and Depressive Subtypes to Predict Electrocortical Processing of Distracting Pictures.* Presented at the annual meeting of the Society of Biological Psychiatry, San Diego, CA.

MacNamara, A., Klumpp, H., Kennedy, A.E., Langenecker, S. A. & Phan, K. L. (2017, April). *Transdiagnostic neural correlates of affective face processing in anxiety and depression.* Presented at the annual meeting of the Anxiety and Depression Association of America, San Francisco, CA. (Selected to be part of a "Poster Tour").

MacNamara, A. (2017, April). *The late positive potential to imagined negative scenes.* Presented at the 2017 annual meeting of the Society for Affective Science, Boston, MA. (Selected for a Poster Spotlight oral presentation).

Xing, M. †, Ajilore, O., **MacNamara, A.**, Wolfson, O. E., Tadayonnejad, R., Abbott, C., Phan, K. L., Klumpp, H. & Leow, A., (2016, June). *Thought Chart: Charting the Wandering Mind.* Presented at the annual meeting of the Organization for Human Brain Mapping, Geneva, Switzerland.

Gorka, S. M., Shankman, S. A., Lieberman, L., **MacNamara, A.** & Phan, K. L. (2016, May). *Individual differences in startle potentiation and neural response to unpredictable threat: A psychophysiology and*

fMRI study and replication across internalizing psychopathologies. Presented at the 71st annual meeting of the Society of Biological Psychiatry, Atlanta, GA.

Fitzgerald, J.M. [†], **MacNamara, A.**, Kennedy, A., Rabinak, C., Rauch, S., Liberzon, I., Phan, K.L. (2016, May). *Individual Tendencies to Use Cognitive Reappraisal and Emotion Regulatory Brain Function in Combat-Exposed Veterans with and without PTSD.* Presented at the annual meeting of the Society of Biological Psychiatry, Atlanta, GA.

Xing, M. [‡], Tadayonnejad, R., **MacNamara, A.**, Ajilore, O., Phan, K. L., Klumpp, H. & Leow, A. (2016, April). *EEG-based functional connectivity reflects cognitive load during emotion regulation.* Presented at the 2016 IEEE International Symposium on Biomedical Imaging, Prague, Czech Republic.

Stange, J. P. [†], **MacNamara, A.**, Barnas, O. [†], Phan, K. L., & Klumpp, H. (2016, March). *Using Event-Related Potentials to Evaluate Neural Mechanisms of Attentional Control and Treatment Outcome for Emotional Disorders: An RDoC study.* Presented at the annual meeting of the Society for Affective Science, Chicago, IL. (Selected for a Poster Spotlight presentation).

MacNamara, A., Rabinak, C.A., Kennedy, A.E., Fitzgerald, D. A., Liberson, I., Stein, M. B. & Phan, K. L. (2015, May). *Emotion regulatory brain function and SSRI treatment in PTSD: Neural correlates and predictors of change.* Presented at the annual meeting of the Society of Biological Psychiatry, Toronto, Canada.

Fitzgerald, J.M. [†], **MacNamara, A.**, Kennedy, A.E., Proudfit, G.H., & Phan, K.L. (2015, April). *A Psychophysiological Investigation on Sustained Emotional Response in Combat-Associated Posttraumatic Stress Disorder.* Presented at the Wisconsin Symposium on Emotion, Madison, WI.

MacNamara, A., Fitzgerald, D. A., Shankman, S. A., Milad, M. R. & Phan, K. L. (2014, Sept.). *Neural and psychophysiological substrates of fear learning.* Presented at the annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

MacNamara, A., Fitzgerald, D. A., Rabinak, C. A., Kennedy, A.E. & Phan, K. L. (2014, May). *BOLD-fMRI and ERP Measures of Socio-emotional Brain Function in Combat-related PTSD.* Presented at the annual meeting of the Society of Biological Psychiatry, New York, NY.

MacNamara, A., Fitzgerald, D. A., Rabinak, C. A., Kennedy, A.E. & Phan, K. L. (2014, March). *BOLD-fMRI and ERP Measures of Socio-emotional Brain Function in Combat-related PTSD.* Presented at the annual meeting of the Anxiety and Depression Association of America, Chicago, IL.

Fitzgerald, J.M. [†], **MacNamara, A.**, Rabinak, C.A., Kennedy, A.E., Phan, K.L. (2014, March). *Relationship between Pre-Deployment and Combat Stress Exposure and Neural Response of Cognitive Reappraisal in OEF/OIF Veterans.* Presented at the annual meeting of the Anxiety and Depression Association of America, Chicago, IL.

MacNamara, A., Post, D., Kennedy, A.E., Rabinak, C. A. & Phan, K. L. (2013, Oct.) *Reduced Electrocortical Processing of Social Signals of Threat in Combat-related Post-Traumatic Stress Disorder.* Presented at the annual meeting of the Society for Psychophysiological Research, Florence, Italy.

MacNamara, A., Post, D. †, Kennedy, A., Rabinak, C. A. & Phan, K. L. (2013, Sept.) *Reduced Electrocortical Processing of Social Signals of Threat in Combat-related Post-Traumatic Stress Disorder*. Presented at the annual Department of Psychiatry research forum at the University of Illinois at Chicago (UIC), Chicago, IL.

Kennedy, A. E., Fitzgerald, D., Rabinak, C. A., **MacNamara, A.** & Phan, K. L. (2013, Sept.) *Prefrontal Reactivity During Negative Affect Regulation before and after SSRI Treatment for PTSD in Returning Veterans*. Presented at the 4th annual Department of Psychiatry research forum at the University of Illinois at Chicago (UIC), Chicago, IL.

MacNamara, A., Kotov, R. & Hajcak, G. (2012, Sept.). *Generalized anxiety disorder and major depressive disorder exert opposing influences on electrophysiological indices of attention toward unpleasant stimuli*. Presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

Schmidt, J., **MacNamara, A.**, Hajcak, G. & Zelinsky, G. J. (2012, May). *A neural marker of the representation used to guide visual search*. Presented at the annual meeting of the Vision Sciences Society, Naples, FL.

MacNamara, A., Schmidt, J., Zelinsky, G. J. & Hajcak, G. (2011, Sept.). *Attention toward fearful and neutral faces presented under high and low working memory load: a combined ERP and eye-tracking study*. Presented at the annual meeting of the Society for Psychophysiological Research, Boston, MA.

Schmidt, J., **MacNamara, A.**, Hajcak, G. & Zelinsky, G. J. (2011, May). *ERP correlates of the target representation used to guide search*. Presented at the annual meeting of the Vision Sciences Society, Naples, FL.

MacNamara, A., Schmidt, J., Zelinsky, G. J. & Hajcak, G. (2011, Jan.). *The effect of working memory load on electrocortical and ocular measures of attention to fearful and neutral faces*. Presented at the annual Determinants of Executive Function and Dysfunction (DEFD) conference, "How do Executive Function and Emotion Interact?", Boulder, CO.

MacNamara, A., Ochsner, K. N. & Hajcak, G. (2010, Oct.). *The effects of reappraisal following a delay: Description type modulates the LPP and subjective ratings elicited by neutral and unpleasant pictures 30 minutes later*. Presented at the annual meeting of the Society for Psychophysiological Research, Portland, OR.

MacNamara, A. & Hajcak, G. (2009, Oct.). *Spatial attention and anxiety moderate the late positive potential*. Presented at the annual meeting of the Society for Psychophysiological Research, Berlin, Germany.

MacNamara, A., Foti, D., & Hajcak, G. (2008, Oct.). *Picture and Context: The relative effects of intrinsic and extrinsic factors on the late positive potential*. Presented at the annual meeting of the Society for Psychophysiological Research, Austin, TX.

COURSES TAUGHT

PSYC 614 - Clinical Practicum (graduate)

PSYC 301 - Elementary Statistics for Psychology (undergraduate)

PSYC 485, 491, NRSC 485, 491 – Directed Studies in Research (undergraduate)
PSYC 626 - Psychopathology (graduate)

AD-HOC EDITORIAL CONSULTATION

BMC Psychiatry; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Biological Psychology; Brain Sciences; Cognitive, Affective and Behavioral Neuroscience (CABN); Clinical Psychological Science; Depression and Anxiety; Emotion; Experimental Brain Research; Human Brain Mapping; International Journal of Psychophysiology; Journal of Abnormal Psychology; Journal of Affective Disorders; Journal of Experimental Psychology (General); Journal of Personality Assessment; Journal of Psychiatry and Neuroscience; Journal of Psychiatric Research; Journal of Traumatic Stress; Neuroimage; Neuropsychologia; Neuropsychopharmacology; PLOS ONE; Psychological Medicine; Psychophysiology; Psychiatry Research; Psychiatry Research : Neuroimaging; Psychological Science; Social, Cognitive and Affective Neuroscience (SCAN); Social Neuroscience; World Journal of Biological Psychiatry.

AD-HOC GRANT REVIEW

Early Career Reviewer (Adult Psychopathology and Aging), National Institute of Health (2019)
United States-Israel Binational Science Foundation (2016)

ACADEMIC ADVISING

Doctoral students

Elizabeth A. Bauer, Dept. of Psychological and Brain Sciences, Texas A&M University

Trevor Bryan Jackson (Co-mentor, Jessica Bernard), Dept. of Psychological and Brain Sciences, Texas A&M University

Kayla A. Wilson, Dept. of Psychological and Brain Sciences, Texas A&M University

Doctoral dissertation review

Chao Gu, Texas A&M Institute for Neuroscience, Texas A&M University, (PhD advisor: Steven Woltering), proposal defense, TBD

(Andy) Jeesu Kim, Texas A&M Institute for Neuroscience, Texas A&M University, (PhD advisor: Brian Anderson), proposal defense TBD

Jared Ruchensky, Dept. of Psychological and Brain Sciences, Texas A&M University, (Co-Chair; PhD advisor: John Edens), May 2019

Fenan Rassu, Dept. of Psychological and Brain Sciences, Texas A&M University, (PhD advisor: Mary Meagher), proposal defense, July 2017

Anna Finley, Dept. of Psychological and Brain Sciences, Texas A&M University, (PhD advisor: Brandon Schmeichel), proposal defense, May 2017

Dominique Kessel, Dept. of Psychology, Universidad Autonoma de Madrid, (PhD advisors: Luis Carretié & Manuel Tapia), PhD defense, Feb. 2017

Masters thesis review

Qingqing Li, Dept. of Computer Science and Engineering, Texas A&M University, (Masters advisor: Theodora Chaspari), proposal defense TBD.

Undergraduate Honors

Gina Thomas, Dept. of Psychological and Brain Sciences, Texas A&M University, 2017-2018

Jessica Luedke (Co-Mentor, Dr. Mary Meagher), Dept. of Psychological and Brain Sciences, Texas A&M University, 2017-2018

COMMITTEES

Convention Sites Committee, Society for Psychophysiological Research (2019-2022)

Clinical Psychology Faculty Search Committee, Texas A&M University (2018-2019)

Travel Award Committee, Society of Biological Psychiatry (2018-)

Program Committee, Society for Psychophysiological Research (2018)

Public Relations Committee, Society for Psychophysiological Research (2017-2020)

Graduate Studies Committee, Texas A&M University (2019-)

Undergraduate Studies Committee, Texas A&M University (2016-2017)

Affective Science Faculty Search Committee, Texas A&M University (2015-2016)

Chair, Travel Award Sub-Committee, Committee to Promote Student Interests, Society for Psychophysiological Research (2015-2017)

CLINICALLY RELEVANT EXPERIENCE

Clinical Supervisor (research), Multimethod Affect and Cognition Lab, Texas A&M University, 2016-

Clinical Supervisor, PSYC 614 Graduate Clinical Practicum, Texas A&M University, 2016

Study Therapist, Mood and Anxiety Disorders Research Program, University of Illinois at Chicago, 2013-2016

Psychology Intern, University of Illinois at Chicago, 2012-2013

Peer Supervisor, Psychological Center, Stony Brook University, 2011

Super-supervisor: Dina Vivian, Ph.D.

Psychoeducator, Anxiety Clinic, Stony Brook University, 2010

Clinical Interviewer, Cognitive & Affective Psychophysiology Lab, Stony Brook University, 2009-2012

Principal Investigators: Greg Hajcak, Ph.D., Roman Kotov, Ph.D.

Staff Therapist and Psychoeducational Examiner, Krasner Psychological Center, Stony Brook University, 2008-2012

Supervisors: Joanne Davila, Ph.D., Marvin Goldfried, Ph.D., Daniel O'Leary, Ph.D., Dina Vivian, Ph.D.

Staff Therapist, Anxiety Center, Stony Brook University, 2008-2012

Supervisors: Greg Hajcak, Ph.D., Joanne Davila, Ph.D., Dina Vivian, Ph.D.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Association for Psychological Science (APS; 2018-)

Society of Biological Psychiatry (SOBP; 2017-)

Society for Affective Science (SAS; 2016-)

Society for a Science of Clinical Psychology (SSCP; 2014-2015)
Anxiety and Depression Association of America (ADAA; 2013-2017)
Society for Psychophysiological Research (SPR; 2007-)

SERVICE TO PROFESSIONAL ASSOCIATIONS

Poster Judge, Society for Affective Science, 2018
Poster Judge, Society for Psychophysiological Research, 2019

PRESS

- Interview on WTAW News Talk Radio, Bryan, TX, June 20, 2018: <http://wtaw.com/?p=125487>
- “Students cope with emotional side effects of parents’ divorce”, *The Battalion*, Nov. 1, 2017: http://www.thebatt.com/news/students-cope-with-emotional-side-effects-of-parents-divorce/article_580b6402-beca-11e7-b161-3ff2d7b70d4b.html
- “Interview with Dr. Annmarie MacNamara To Discuss Research In MAC Lab” – web story on the TAMU Department of Psychological and Brain Sciences website