

# Dan Foti, Ph.D.

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## POSITION

Director 2021-	TL1 Predoctoral Training Program Indiana Clinical and Translational Sciences Institute
Associate Professor 2018-	Purdue University, Department of Psychological Sciences Areas: Clinical Psychology, Neuroscience & Behavior
Assistant Professor 2013-2018	Purdue University, Department of Psychological Sciences Area: Clinical Psychology

## EDUCATION

Doctor of Philosophy 2013	Stony Brook University, Department of Psychology Clinical Psychology (Mentor: Greg Hajcak)
Clinical Internship 2013	McLean Hospital Behavioral Health Partial Hospital Program
Master of Arts 2008	Stony Brook University, Department of Psychology Clinical Psychology
Bachelor of Arts 2006	Harvard University Biomedical Engineering (cum laude)

## RESEARCH GRANTS AWARDED

### CURRENT

2022-2023	<b>Women's Global Health institute; Purdue Institute of Inflammation, Immunology, and Infectious Disease</b> <u>The influence of health behaviors and social support on mental health treatment uptake among high-risk caregivers during COVID-19</u> Co-I (PI: Bridgette Kelleher); Total costs: \$15,000
2021-2022	<b>Foundation for Prader-Willi Research; Williams Syndrome Association</b> <u>Optimizing telehealth methods for identifying and treating distress among caregivers of individuals with PWS and WS</u> Multiple PI with Bridgette Kelleher and Kelly LeMaire; Total costs: \$90,000
2018-2023	<b>National Center for Advancing Translational Sciences (TL1-R002531)</b> <u>Indiana Clinical and Translational Sciences Institute – NRSA Training Core</u> Multiple PI with Thomas Hurley (effective August 2021); Total costs: \$2,505,337
2021-2022	<b>International Manganese Institute</b> <u>Exposure to metal mixtures in welding fumes</u> Co-PI (PI: Ulrike Dydak); Total costs: \$45,566
2021-2022	<b>Clifford B. Kinley Trust Award</b>

Social impairment of conversation in adults with autism spectrum disorder: Establishing a home-based protocol for assessment using mobile EEG

Multiple PI with Felicia Roberts; Total costs: \$20,000

- 2021-2026 **National Institute of Environmental Health Sciences (R01-ES032478)**  
Neuroimaging of manganese toxicity  
Co-I (PI: Ulrike Dydak); Total costs: \$2,796,677
- 2020-2021 **Indiana Clinical and Translational Sciences Institute, Human Health & Biomedical Technologies Project Development Team (UL1TR001108)**  
Developing a novel protocol for home-based electroencephalography assessment of families affected by Angelman syndrome  
PI; Total costs: \$14,318
- 2020-2021 **Purdue University, Center for Research on Brain, Behavior, and Neuro-Rehabilitation; Purdue Institute for Integrative Neuroscience (Pilot Grant Funding)**  
Environmentally-induced schizophrenia  
Multiple PI with Jason Cannon; Total costs: \$19,000
- 2020-2021 **Purdue Institute for Integrative Neuroscience (Grand Challenges in Neuroscience)**  
Patient-centered biosensors to advance clinical research in autism and additional “Neuro $\Delta$ ” disorders  
Co-I (PI: Bridgette Kelleher); Total costs: \$125,000
- 2020-2022 **Purdue Institute for Integrative Neuroscience (Grand Challenges in Neuroscience)**  
Pathways to substance use disorder: A unified model of animal and human neuroscience to predict illness development  
Co-I (PI: Sebastien Hélie); Total costs: \$150,000
- 2020-2021 **Purdue University, Center for Research on Brain, Behavior, and Neuro-Rehabilitation (Pilot Grant Funding)**  
Behavioral and neural effects of ketogenic diets  
Co-I (PI: Kimberly Kinzig); Total costs: \$2,500
- 2019-2021 **Indiana Clinical and Translational Sciences Institute, Human Health & Biomedical Technologies Project Development Team (UL1TR001108)**  
Behavioral and Neural Effects of Ketogenic Diets  
Co-I (PI: Kimberly Kinzig); Total costs: \$12,000
- 2019-2021 **Purdue University, Discovery Park (Big Idea Challenge 2.0)**  
From cell cultures to community cultures: Bringing precision health to autism  
Co-I (PI: Bridgette Kelleher); Total costs: \$330,000
- 2017-2021 **Indiana Clinical and Translational Sciences Institute, Behavioral & Population Sciences Project Development Team (UL1TR001108)**  
Social context and neural markers of vulnerability to depression  
Multiple PI with Susan South; Total costs: \$20,000
- 2016-2022 **National Institute of Mental Health (R01-MH110434)**  
Trajectories of aging in psychotic disorders over 27 years  
Consultant (PI: Roman Kotov); Total costs: \$3,913,719

**COMPLETED**

- 2020 **Angelman Syndrome Foundation**  
Piloting a customized telehealth-based caregiver support intervention in Angelman Syndrome  
Co-I (PI: Bridgette Kelleher); Total costs: \$51,105
- 2020 **Purdue University, Center for Research on Brain, Behavior, and Neuro-Rehabilitation (Pilot Grant Funding)**  
Specifying a genetic and neurobiological pathway for depression risk  
PI; Total costs: \$3,000
- 2019-2020 **Purdue University, Office of the Executive Vice President for Research and Partnerships (New NIH R01/U01 Program)**  
Specifying a genetic and neurobiological pathway for depression risk  
PI; Total costs: \$30,000
- 2017-2020 **Indiana Clinical and Translational Sciences Institute, Pilot Funding for Research Use of Core Facilities (UL1TR001108)**  
Implicit learning deficits in adults at high genetic risk for depression  
PI; Total costs: \$10,000
- 2018 **Purdue Research Foundation (Summer Faculty Grant)**  
Specifying a genetic and neurobiological pathway for depression risk  
PI; Total costs: \$8,000
- 2015-2017 **National Aeronautics and Space Administration (SA-15-258)**  
Personality and biological predictors of resiliency to chronic stress among high-achieving adults  
Co-Investigator (PI: Greg Perlman); Total costs: \$99,720
- 2011-2012 **National Institute of Mental Health (F31-MH090658)**  
Investigating emotional reactivity in depression using event-related potentials  
PI; Total costs: \$59,590
- 2009 **Society for Psychophysiological Research (Research Training Fellowship)**  
Examining the LPP and the P300 using source localization techniques  
PI; Total costs: \$5,000

**MENTORED GRANTS AWARDED**

- 2021-2024 **National Institute of Mental Health (F31MH127817)**  
Neurophysiological reward responsiveness, stress, and depressive symptoms across the perinatal period  
Consultant (PI: Samantha Pegg); Total costs: \$122,108
- 2021-2023 **National Institute of Mental Health (F31-MH125455)**  
MMN deficits in psychotic disorders: Neurobiological and computational mechanisms and predictive utility  
Consultant (PI: Kayla Donaldson); Total costs: \$76,342
- 2021-2022 **Indiana Clinical and Translational Sciences Institute (TL1 Pre-Doctoral Training in Translational Research; UL1TR001108)**  
The impact of a veteran's PTSD service dog on the family

Co-Sponsor (PI: Leanne Nieforth); Total costs: \$62,470

- 2020 **Purdue Autism Research Center (Summer Research Fellowship Award)**  
Developing a protocol for home-based EEG assessment  
 Sponsor (PI: Kimberly Galvez-Ortega); Total costs: \$2,000
- 2019-2024 **National Science Foundation (CAREER-1846221)**  
Adaptive human multi-robot systems  
 Advisory Board Member (PI: Byung-Cheol Min); Total costs: \$674,795
- 2019 **Purdue University Center for Family Studies (Interdisciplinary Research Grant)**  
Identifying the pathophysiology of depression and its permeability across the lifespan  
 Sponsor (PI: Kaylin Hill); Total costs: \$500
- 2018-2020 **National Institute of Mental Health (F31-MH117875)**  
The interplay between insomnia and reward processing in risk for depression  
 Consultant (PI: Yihan Li); Total costs: \$89,048
- 2018-2019 **Society for Psychophysiological Research (Research Training Fellowship)**  
Characterizing reward-related ERPs in depression using PCA  
 Sponsor (PI: Christopher Brush); Total costs: \$2,500
- 2018-2020 **Indiana Clinical and Translational Sciences Institute (TL1 Pre-Doctoral Training in Translational Research; UL1TR001108)**  
Brain activity to behavior: Profiles of high-risk psychosis  
 Sponsor (PI: Keisha Novak); Total costs: \$49,000
- 2018-2019 **Purdue Research Foundation (Research Fellowship; declined)**  
Deriving neurobehavioral profiles of psychosis risk  
 Sponsor (PI: Keisha Novak); Total costs: \$17,645
- 2018-2019 **Purdue Research Foundation (Research Fellowship)**  
Identifying the pathophysiology of depression and its permeability across the lifespan  
 Sponsor (PI: Kaylin Hill); Total costs: \$17,645
- 2018-2019 **Purdue Graduate School (Bilsland Dissertation Fellowship)**  
A multi-method approach to understanding brain-behavior relationships in depression  
 Sponsor (PI: Belel Ait Oumeziane); Total costs: \$59,064
- 2016-2017 **Society for Psychophysiological Research (Research Training Fellowship)**  
Investigating stages of reward processing using ERP and fMRI connectivity analysis  
 Co-Sponsor (PI: Keisha Novak); Total costs: \$3,250

#### **INSTRUMENTATION GRANTS AWARDED**

- 2018 **Purdue Office of the Executive Vice President for Research and Partnerships**  
Non-Laboratory Equipment Program: Microsoft Surface Pro Computers for Mobile Clinical Assessment  
 PI; Total costs: \$4,521
- 2016 **Purdue Institute for Integrative Neuroscience**  
MR-compatible trigger console and response system

Co-Investigator (PI: Sebastien Hélie); Total costs: \$8,000

2015 **National Institute of Mental Health (S10-OD012336)**  
3T MRI Scanner dedicated to life sciences research  
 Minor User (PI: Ulrike Dydak); Total costs: \$2,000,000

### **HONORS AND AWARDS**

2021-2024 Elected to Board of Directors  
 Society for Psychophysiological Research

2019 James C. Naylor Award for Teaching Excellence in Psychology  
 Department of Psychological Sciences, Purdue University

2017-2020 Appointed to Executive Committee  
 Society for Affective Science

2014 Finalist, NIH Director's Early Independence Award

2008 Award for Excellence in Research  
 Department of Psychology, Stony Brook University

2006-2010 Teaching Assistantship  
 Stony Brook University

2005 Col. & Mrs. S. S. Dennis, III, Scholarship  
 School of Engineering and Applied Sciences, Harvard University

2002 Valedictorian  
 Newburgh Free Academy

### **APPOINTED EDITORIAL POSITIONS**

#### **Associate Editor**

2021-present Psychophysiology

2016-present International Journal of Psychophysiology

- Co-editor of special issue: *Reward and feedback processing: State of the field, best practices, and future directions* (published October 2018)

#### **Consulting Editor**

2019-present Affective Science

2017-2020 Psychophysiology

2017-present Journal of Abnormal Psychology

### **MANUSCRIPTS**

#### **Published or In Press**

\*denotes shared first-author publication

‡denotes student-author

\*‡Monni, A., \*Collison, K., ‡Hill, K., ‡Ait Oumeziane, B., & **Foti, D.** (in press). The novel frontal alpha asymmetry factor and its association with depression, anxiety, and personality traits. *Psychophysiology*.

Nieforth, L., Abdul Wahab, A.H., Sabbahi, A., MacDermid Wadsworth, S., **Foti, D.**, & O’Haire, M. (in press). Quantifying the emotional experiences of partners of veterans with PTSD service dogs using ecological momentary assessment. *Complementary Therapies in Clinical Practice*.

Karalunas, S.L., Ostlund, B.D., Alperin, B.R., Figuracion, M., Gustafsson, H.C., ‡Deming, E.M., **Foti, D.**, Antovich, D., Dude, J., Nigg, J., & Sullivan, E. (in press). Electroencephalograph aperiodic power spectral slope can be reliably measured and predicts ADHD risk in early development. *Developmental Psychobiology*.

Adams, K.E., ‡Hill, K.E., Tyler, J.M., **Foti, D.**, & ‡Shah, A.S.A. (2021). Neural indicators of sexual objectification: An examination of the late positive potential (LPP), sexual objectification, and the body-inversion effect. *The Social Science Journal*. <https://doi.org/10.1080/03623319.2020.1851013>

‡Donaldson, K.R., Larsen, E.M., Jonas, K.G., Tramazzo, S., Perlman, G., **Foti, D.**, Mohanty, A., & Kotov, R. (2021). MMN amplitude in first-degree relatives of psychotic disorders: Links with cognition and schizotypy. *Schizophrenia Research*, 238, 161-169. <https://doi.org/10.1016/j.schres.2021.10.006>

**Foti, D.**, Perlman, G., Bromet, E.J., Harvey, P.D., Hajcak, G., Mathalon, D.H., & Kotov, R. (2021). Pathways from performance monitoring to negative symptoms and functional outcome in psychotic disorders. *Psychological Medicine*, 51(12), 2012-22. <https://doi.org/10.1017/S0033291720000768>

‡Hill, K., ‡Neo, W.S., ‡Deming, E., Hamrick, L., Kelleher, B., & **Foti, D.** (2021). Mother-infant convergence of event-related potentials elicited by face and object processing. *Developmental Psychobiology*, 63(8), e22211. <https://doi.org/10.1002/dev.22211>

Martin, E.A., Jonas, K.G., Lian, W., **Foti, D.**, Donaldson, K.R., Bromet, E.J., & Kotov, R. (2021). Predicting long-term outcomes in first-admission psychosis: A comparison of the hierarchical taxonomy of psychopathology (HiTOP) model with DSM diagnoses. *Schizophrenia Bulletin*, 47(5), 1331-41. <https://doi.org/10.1093/schbul/sbab043>

Pegg, S., Jeong, H.J., **Foti, D.**, & Kujawa, A. (2021). Differentiating stages of reward responsiveness: Neurophysiological measures and associations with facets of the Behavioral Activation System. *Psychophysiology*, 58(4), e13764. <https://doi.org/10.1111/psyp.13764>

Whitton, A.E., Kumar, Poornima, Treadway, M.T., Rutherford, A.V., Ironside, M.L., **Foti, D.**, Fitzmaurice, G., Du, F., & Pizzagalli, D.A. (2021). Mapping disease course across the mood disorder spectrum through a Research Domain Criteria (RDoC) framework. *Biological Psychiatry: Cognitive Neuroscience & Neuroimaging*, 6(7), 706-15. <https://doi.org/10.1016/j.bpsc.2021.01.004>

‡Brush, C.J., **Foti, D.**, Bocchine, A.J., Muniz, K.M., Gooden, M.J., Spaeth, A.M., Miller, M.W., & Alderman, B.L. (2020). Aerobic exercise enhances positive emotional reactivity in individuals with depressive symptoms: Evidence from ERPs to emotional content and reward. *Mental Health and Physical Activity*, 19, 100339. <https://doi.org/10.1017/S0033291720002573>

‡Brush, C.J., Hajcak, G., Bocchine, A.J., Ude, A.A., Muniz, K.M., **Foti, D.**, & Alderman, B.L. (2020). A randomized trial of aerobic exercise for major depression: Examining neural responses to reward and cognitive control as predictors and treatment targets. *Psychological Medicine*. <https://doi.org/10.1017/S0033291720002573>

‡Cabrera, M.E., ‡Novak, K., **Foti, D.**, Voyles, R., & Wachs, J.P. (2020). Electrophysiological indicators of gesture perception. *Experimental Brain Research*, 238, 537-550. <https://doi.org/10.1007/s00221-020-05724-y>

- ‡Donaldson, K.R., ‡Novak, K.D., **Foti, D.**, Marder, M., Perlman, G., Kotov, R., & Mohanty, A. (2020). Associations of mismatch negativity with psychotic symptoms and functioning transdiagnostically across psychotic disorders. *Journal of Abnormal Psychology*, 129(6), 570-580. <https://doi.org/10.1037/abn0000506>
- Hajcak, G. & **Foti, D.** (2020). Significance?...Significance! Empirical, methodological, and theoretical connections between the late positive potential and P300 as neural responses to stimulus significance: An integrative review. *Psychophysiology*, 57(7), e13570. <https://doi.org/10.1111/psyp.13570>
- ‡Hill, K.E., ‡Neo, W.S., ‡Hernandez, A., Hamrick, L., Kelleher, B.L., & **Foti, D.** (2020). Intergenerational transmission of frontal alpha asymmetry among mother-infant dyads. *Biological Psychiatry: Cognitive Neuroscience & Neuroimaging*, 5(4), 420-428. <https://doi.org/10.1016/j.bpsc.2019.12.003>
- Imburgio, M.J., Banica, I., ‡Hill, K.E., Weinberg, W., **Foti, D.**, & MacNamara, A. (2020). Establishing norms for error-related brain activity during the arrow Flanker task among young adults. *NeuroImage*, 213, 116694. <https://doi.org/10.1016/j.neuroimage.2020.116694>
- ‡Suzuki, T., ‡Ait Oumeziane, B., ‡Novak, K.D., Samuel, D.B., & **Foti, D.** (2020). Error-monitoring across social and affective processing contexts. *International Journal of Psychophysiology*, 150, 37-49. <https://doi.org/10.1016/j.ijpsycho.2020.01.009>
- ‡Suzuki, T., ‡Novak, K.D., Ait Oumeziane, B., **Foti, D.**, & Samuel, D.B. (2020). The hierarchical structure of error-related negativities elicited from affective and social stimuli and their relations to personality traits. *Personality Neuroscience*, 3, e15. <https://doi.org/10.1017/pen.2020.15>
- ‡Usher, E., **Foti, D.**, & Weber, C. (2020). Emotional reactivity and regulation in 5- to 8-year-old children: An ERP study of own-age face processing. *International Journal of Psychophysiology*, 156, 60-68. <https://doi.org/10.1016/j.ijpsycho.2020.07.004>
- \*Benau, E.M., ‡Hill, K., Atchley, R.A., O'Hare, A.J., Gibson, L., Hajcak, G., Ilardi, S.S., & **Foti, D.** (2019). Increased neural sensitivity to self-relevant stimuli in major depressive disorder. *Psychophysiology*, 56(7), e13345. <https://doi.org/10.1111/psyp.13345>
- ‡Ait Oumeziane, B., ‡Jones, O., & **Foti, D.** (2019). Neural sensitivity to social and monetary reward in depression: Clarifying general and domain-specific deficits. *Frontiers in Behavioral Neuroscience*, 13(199). <https://doi.org/10.3389/fnbeh.2019.00199>
- ‡Hill, K., Egan, R., South, S., & **Foti, D.** (2019). Abnormal emotional reactivity in depression: Contrasting theoretical models using neurophysiological data. *Biological Psychology*, 141, 35-43. <https://doi.org/10.1016/j.biopsycho.2018.12.011>
- ‡Hill, K.E., Lane, S.P., & **Foti, D.** (2019). Block-wise and trial-wise analyses of the late positive potential reveal distinct affective trajectories as a function of neuroticism. *Brain Research*, 1720, 146292. <https://doi.org/10.1016/j.brainres.2019.06.011>
- Stewart, J.G., Singleton, P., Benau, E.M., **Foti, D.**, Allchurch, H., Kaplan, C., Aguirre, B., & Auerbach, R.P. (2019). Neurophysiological activity following rewards and losses among female youth with Borderline Personality Disorder. *Journal of Abnormal Psychology*, 128(6), 610-621. <https://doi.org/10.1037/abn0000439>
- ‡Suzuki, T., ‡Hill, K.E., ‡Ait Oumeziane, B., **Foti, D.**, & Samuel, D.B. (2019). Bringing the brain into personality assessment: Is there a place for event-related potentials? *Psychological Assessment*, 31(4), 488-501. <https://doi.org/10.1037/pas0000611>

- ‡Culbreth, A.J., **Foti, D.**, Barch, D.M., Hajcak, G., Bromet, E., & Kotov, R. (2018). Electrocortical responses to emotional stimuli in psychotic disorders: Comparing schizophrenia spectrum disorders and affective psychosis. *Frontiers in Psychiatry*, 9, 586. <https://doi.org/10.3389/fpsyg.2018.00586>
- ‡Egan, R.P., ‡Hill, K.E., & **Foti, D.** (2018). Differential effects of state and trait mindfulness on the late positive potential. *Emotion*, 18(8), 1128-1141. <https://doi.org/10.1037/emo0000383>
- ‡Hill, K.E., ‡Ait Oumeziane, B.A., ‡Novak, K.D., Rollock, D., & **Foti, D.** (2018). Variation in reward- and error-related neural measures attributable to age, gender, race, and ethnicity. *International Journal of Psychophysiology*, 132(Part B), 353-364. <https://doi.org/10.1016/j.ijpsycho.2017.12.009>
- Masaki, H., Hirao, T., Maruo, Y., Foti, D., & Hajcak, G. (2018). Feedback-related electroencephalogram oscillations of athletes with high and low sports anxiety. *Frontiers in Psychology*, 9, 1420. <https://doi.org/10.3389/fpsyg.2018.01420>
- ‡Ait Oumeziane, B., ‡Schryer-Praga, J., & **Foti, D.** (2017). “Why don’t they ‘like’ me more?”: Comparing the time courses of social and monetary reward processing. *Neuropsychologia*, 107, 48-59. <https://doi.org/10.1016/j.neuropsychologia.2017.11.001>
- Hélie, S., Shamloo, F., ‡Novak, K., & **Foti, D.** (2017). The roles of valuation and reward processing in cognitive function and psychiatric disorders. *Annals of the New York Academy of Sciences*, 1395, 33-48. <https://doi.org/10.1111/nyas.13327>
- Webb, C.A., Auerbach, R.P., Bondy, E., Stanton, C.H., **Foti, D.**, & Pizzagalli, D.A. (2017). Abnormal neural responses to feedback in depressed adolescents. *Journal of Abnormal Psychology*, 126(1), 19-31. <https://doi.org/10.1037/abn0000228>
- ‡Ait Oumeziane, B., & **Foti, D.** (2016). Reward-related neural dysfunction across depression and impulsivity: A dimensional approach. *Psychophysiology*, 53(8), 1174-1184. <https://doi.org/10.1111/psyp.12672>
- ‡Donaldson, K.R., ‡Ait Oumeziane, B., Hélie, S., & **Foti, D.** (2016). The temporal dynamics of reversal learning: P3 amplitude predicts valence-specific behavioral adjustment. *Physiology & Behavior*, 161(1), 24-32. <https://doi.org/10.1016/j.physbeh.2016.03.034>
- Foti, D.**, Perlman, G., Hajcak, G., Mohanty, A., Jackson, F., & Kotov, R. (2016). Impaired error processing in psychosis: Four-year stability and relationships with negative symptoms. *Schizophrenia Research*, 176, 520-526. <https://doi.org/10.1016/j.schres.2016.05.009>
- Foti, D.**, & Roberts, F. (2016). The neural dynamics of speech perception: Dissociable networks for processing linguistic content and monitoring speaker turn-taking. *Brain & Language*, 157-158, 63-71. <https://doi.org/10.1016/j.bandl.2016.05.001>
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- \*Baskin-Sommers, A.R., & \***Foti, D.** (2015). Abnormal reward functioning across substance use disorders and major depressive disorder: Considering reward as a transdiagnostic mechanism. *International Journal of Psychophysiology*, *98*, 227-239. <https://doi.org/10.1016/j.ijpsycho.2015.01.011>
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- Carlson, J.M., **Foti, D.**, Harmon-Jones, E., & Proudfit, G.H. (2015). Midbrain volume predicts fMRI and ERP measures of reward reactivity. *Brain Structure & Function*, *220*(3), 1861-1866. <https://doi.org/10.1007/s00429-014-0725-9>
- Foti, D.**, Weinberg, A., Bernat, E. M., & Proudfit, G.H. (2015). Anterior cingulate activity to monetary loss and basal ganglia activity to monetary gain uniquely contribute to the feedback negativity. *Clinical Neurophysiology*, *126*(7), 1338-1347. <https://doi.org/10.1016/j.clinph.2014.08.025>
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- Perlman, G., **Foti, D.**, Jackson, F., Kotov, R., & Proudfit, G.H. (2015). Clinical significance of auditory target P300 subcomponents in psychosis: Differential diagnosis, symptom profiles, and course. *Schizophrenia Research*, *165*(2-3), 145-151. <https://doi.org/10.1016/j.schres.2015.04.013>
- Proudfit, G.H., Bress, J., **Foti, D.**, Kujawa, A., & Klein, D.N. (2015). Depression and event-related potentials: Emotional disengagement and reward insensitivity. *Current Opinion in Psychology*, *4*, 110-113. <https://doi.org/10.1016/j.copsyc.2014.12.018>
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- 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. <https://doi.org/10.1016/j.biopsycho.2011.11.012>
- Bress, J.N., **Foti, D.**, Kotov, R., & Hajcak, G. (2013). Blunted neural response to rewards prospectively predicts depression in adolescent girls. *Psychophysiology*, 50(1), 74-81. <https://doi.org/10.1111/j.1469-8986.2012.01485.x>
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#### **In Revision, Under Review, & In Preparation**

‡Donaldson, K.R., †Ait Oumeziane, B., Lim, L.X., †Baum, R., Hélie, S., Lynam, D.R., & **Foti, D.** (in revision). Individual differences in reward and punishment learning in relation to pathological gambling and dopaminergic functioning. *Submitted to European Journal of Neuroscience*.

**Foti, D.**, Gironde, S., Lee, J., & Björgvinsson, T. (in prep). The clinical significance of mood brightening in major depression: Clinical correlates and links with treatment response.

#### **CONFERENCE PROCEEDINGS, COMMENTARIES, & EDITORIALS**

MacNamara, A., Imburgio, M.J., Hill, K.E., Banica, I., Weinberg, A., & **Foti D.** (2021). Authors' reply to the commentary on "Establishing norms for error-related brain activity during the arrow Flanker task among young adults." *NeuroImage*, 232, 117908. <https://doi.org/10.1016/j.neuroimage.2021.117908>

**Foti, D.**, & Weinberg, A. (2018). Reward and feedback processing: State of the field, best practices, and future directions (Introduction to the special issue). *International Journal of Psychophysiology*, 132(Part B), 171-174. <https://doi.org/10.1016/j.ijpsycho.2018.08.006>

Cabrera, M., †Novak, K., **Foti, D.**, Voyles, R., & Wachs, J. (2017). What makes a gesture a gesture? Neural signatures involved in gesture recognition. *12th IEEE International Conference on Automatic Face and Gesture Recognition (FG 2017)*, 784-789. <https://doi.org/10.1109/FG.2017.93>

**Foti, D.**, Weinberg, A., Dien, J., & Hajcak, G. (2011). Event-related potential activity in the basal ganglia differentiates rewards from non-rewards: Response to commentary. *Human Brain Mapping*, 32(12), 2267-2269. <https://doi.org/10.1002/hbm.21357>

#### **BOOKS & CHAPTERS**

Weinberg, A., Ethridge, P., †Ait Oumeziane, B., & **Foti, D.** (in press). Time-frequency analyses in event-related potential methodologies. In P. Gable., Miller, M., & Bernat, E. (Eds.), *Oxford Handbook of Human EEG Frequency Analysis*. New York: Oxford University Press.

Sangha, S., & Foti, D. (Eds.). (2018). *Neurobiology of abnormal emotion and motivated behaviors: Integrating Animal and Human Research*. Cambridge, MA: Academic Press.

- Including: Foti, D., †Novak, K.D., †Hill, K.E., & †Ait Oumeziane, B. Neurophysiological Assessment of Anhedonia in Depression and Schizophrenia, pp. 243-256. <https://doi.org/10.1016/B978-0-12-813693-5.00013-7>

Hajcak, G., Dunning, J. P., Foti, D., & Weinberg, A. (2014). Temporal dynamics of emotion regulation. In J. J. Gross (Ed.) *Handbook of Emotion Regulation* (2<sup>nd</sup> ed.). New York: Guilford Press, pp. 43-57.

Hajcak, G., Weinberg, A., MacNamara, A., & Foti, D. (2012). ERPs and the Study of Emotion. In S.J. Luck & E.S. Kappenman (Eds.), *Oxford Handbook of ERP Components*. New York: Oxford University Press, pp. 441-474.

### **INVITED TALKS**

**University of Alabama.** (scheduled for April 2020; canceled due to COVID). Mapping abnormal affect in psychopathology. Department of Psychology Speaker Series, Tuscaloosa, AL.

**Texas A&M University.** (October 2019). Using EEG to quantify abnormal affective dynamics in depression. Institute for Neuroscience Seminar Series, College Station, TX.

**Rutgers University** (November 2018). Characterizing abnormal reward dynamics across internalizing and externalizing psychopathology. Emerging Addiction Science Seminar, New Brunswick, NJ.

**Northwestern University** (February 2018). Abnormalities in reversal learning associated with dopaminergic functioning, pathological gambling, and depression. Clinical Psychology Brown Bag Series, Evanston, IL.

**University of Texas Health Science Center at San Antonio** (March 2017). Impaired error processing in psychosis: Links with illness characteristics, course, and treatment response. Department of Psychiatry Grant Rounds, San Antonio, TX.

**DePauw University** (February 2017). Impaired cognition in psychosis: Integrating neural, behavioral, symptom, and functional outcomes. Psychology Speaker Series, Greencastle, IN.

**Yale University** (January 2016). Impaired error processing in psychotic disorders: An epidemiological approach. Clinical Current Works Speaker Series, New Haven, CT.

**Ball State University** (April 2015). Reward- and error-related brain activity: Dimensions of illness in depression and psychosis. Clinical Area Colloquium, Muncie, IN.

**Indiana University, Bloomington** (March 2014). Refining the anhedonic phenotype: Insights from event-related potentials. Clinical Science Colloquium, Bloomington, IN.

**McLean Hospital, Center for Depression, Anxiety, and Stress Research** (October 2012). Quantifying impaired reward sensitivity in depression: Evidence from event-related potentials. Invited speaker series, Belmont, MA.

### **CONFERENCE TALKS**

**Foti, D., Kelleher, B., Galvez-Ortega, K., Harold, R., Gombas, S., & Haarer, A.** (December 2021). Update on the development of a novel telehealth EEG assessment protocol for Angelman syndrome. Symposium talk, presented at the 2021 Global Summit of the Foundation for Angelman Syndrome Therapeutics, Austin, TX.

Karalunas, S., Ostlund, B., Figuracion, M., Gustafsson, H., **Foti, D.**, Nigg, J., & Sullivan, E. (October 2021). Aperiodic EEG power spectrum predicts ADHD risk in infancy and adolescence. Symposium talk, presented at the 2021 virtual meeting of the Society for Psychophysiological Research.

Donaldson, Kayla R., Larsen, E., Jonas, K.G., Tramazzo, S., Perlman, G., **Foti, D. F.**, Mohanty, A. Kotov, R. (May 2021). Mismatch negativity amplitude in first-degree relatives of psychotic disorders: Links with cognition and schizotypy. Flash Talk, presented at the Association for Psychological Science Virtual Convention.

Bucher, M., Shannon, E., Felicicchia, R., **Foti, D.**, Rispoli, M., Kelleher, B., & LeMaire, K. (April 2021). Building a virtual treatment network to meet the needs of Angelman families during the COVID-19 pandemic. Symposium talk, presented at the 54<sup>th</sup> annual Gatlinburg Conference (virtual meeting).

Kelleher, B., Neo, W.S., Witthuhn, N., Relicicchia, R., Protho, T., Dartis, C., **Foti, D.**, & Lane, S. (April 2021). Increased caregiving burden due to COVID-19 uniquely predicts mental health and stress in a prospective cohort of mothers of children with rare syndromes. Symposium talk, presented at the 54<sup>th</sup> annual Gatlinburg Conference (virtual meeting).

Harold, R., Galvez-Ortega, K., Kelleher, B., & **Foti, D.** (December 2020). Development and implementation of a novel remote EEG protocol for studying Angelman syndrome. Symposium talk, presented at the 2020 Global Virtual Summit of the Foundation for Angelman Syndrome Therapeutics.

Roberts, F., & **Foti, D.** (November 2020). Neural activation during delayed response at transition relevance places: Effects of age and sex. Conference paper, presented at the 106<sup>th</sup> annual meeting of the National Communication Association, Indianapolis, Indiana.

MacNamara, A., **Foti, D.**, Imburgio, M.J., Clark, D. & Weinberg, A. (May 2019). Lessons from test construction: The establishment of norms and item analysis for cognitive affective ERPs. Symposium talk, presented at the 74<sup>th</sup> annual meeting of the Society of Biological Psychiatry, Chicago, IL.

Hill, K.E., Rague, L., Tonnsen, B.L., & **Foti, D.** (October 2018). Alpha asymmetry in mother-infant dyads: Physiological coherence and links with the naturalistic family environment. Symposium talk, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Québec City, Canada.

Kelley, N.J. & Glazer, J.E. (Discussant: **Foti, D.**). (October 2018). Broadening the time-course of ERP components implicated in reward processing: Implications for emotion, cognition, and psychopathology. Symposium discussant, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Québec City, Canada.

MacNamara, A., Weinberg, A., Clark, D., & **Foti, D.** (October 2018). Three approaches to improving electrocortical measures for the study of individual differences. Symposium talk, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Québec City, Canada.

Novak, K.D., & **Foti, D.** (October 2018). Age, Gender, and Processing Monetary Incentives: Relationships with Depression and Impulsivity. Symposium talk, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Québec City, Canada.

**Foti, D.** & Sauder, C.L. (October 2017). Hidden secrets within the averaged ERP waveform: Meaningful trial-by-behavior variance. Symposium co-chair, presented at the 57<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

Hill, K., Haney, A., Thomas, K., & **Foti, D.** (October 2017). Assessing trial-wise variance of the late positive potential. Symposium talk, presented at the 57<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

Sauder, C., Salazar, M., Novak, K., & **Foti, D.** (October 2017). Hidden contingencies: Reaction time and the monetary incentive delay task. Symposium talk, presented at the 57<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

**Foti, D.** & Ait Oumeziane, B. (October 2017). Differential sensitivity to monetary versus social rewards in depression. Symposium talk, presented at the 57<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

**Foti, D.**, Perlman, G., & Kotov, R. (September 2017). Modeling pathways from impaired error processing to negative symptoms and functional outcomes in psychosis. Symposium talk, presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.

Perlman, G., Shteynberg, Y., Ruggero, C., **Foti, D.**, & Kotov, R. (January 2017). Personality and biological predictors of resiliency to chronic stress among high-achieving adults. Symposium talk, presented at the NASA Human Research Program Investigators' Workshop, Galveston, TX.

**Foti, D.**, Ait Oumeziane, B., & Hélie, S. (September 2016). Reversal learning: Temporal dynamics and individual differences. Symposium talk, presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

Suzuki, T., Ait Oumeziane, B., Hill, K. E., **Foti, D.**, & Samuel, D. B. (September 2016). The Use of ERPs as an Alternative Marker of Personality. Spoken paper, presented at the Expert Meeting: Personality Assessment, Oostduinkerke, Belgium.

Landais, C., & **Foti, D.** (July 2016). Measuring fear in the reader's mind and the effects of language translation. Spoken paper, presented at the 15<sup>th</sup> meeting of the International Society for the Empirical Study of Literature, Chicago, IL.

Hershenberg, R., Bylsma, L., Eddington, K., **Foti, D.**, & Gollan, J. (November 2015). Bridging basic science and treatment research on emotional reactivity in depression: Theoretical questions, methodological issues, and pathways for moving forward. Panel discussion, presented at the 49<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.

**Foti, D.**, Ait Oumeziane, B., & Hill, K.E. (November 2015). Performance monitoring and reward sensitivity: The interplay with dimensions of personality and psychopathology. Symposium talk, presented at the 49<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.

**Foti, D.** (May 2015). Reward as a transdiagnostic mechanism for psychological disorder. Invited symposium talk ("Rising Stars of Clinical Science"), presented at the 27<sup>th</sup> annual meeting of the Association for Psychological Science, New York City, NY.

**Foti, D.**, & Roberts, F. (April 2015). Inferring affect from conversational rhythms: Electro cortical activity during inter-speaker gaps. Invited talk, presented at the 2<sup>nd</sup> annual meeting of the Society for Affective Science, Oakland, CA.

**Foti, D.,** & Dillon, D.G. (September 2014). The specificity of affective and reward-related neural deficits in depression. Symposium talk, presented at the 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

Weinberg, A., & **Foti, D.** (September 2014). The agony and the ecstasy: Leveraging physiological indices of reward and threat sensitivity to improve measurement of clinical phenomena. Symposium co-chair, presented at the 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

**Foti, D.,** Björgvinsson, T., & Hajcak, G. (October 2013). Refining melancholia: Blunted mood reactivity to positive events is associated with impaired reward processing and poorer treatment response. Symposium talk, presented at the 53<sup>rd</sup> annual meeting of the Society for Psychophysiological Research, Florence, Italy.

Gable, P., & **Foti, D.** (September 2012). The (dys)regulation of approach motivation: Perspectives from affective, clinical, and social neuroscience. Symposium co-chair, presented at the 52<sup>nd</sup> annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

**Foti, D.,** & Hajcak, G. (September 2012). Multiple neural indicators of dysregulated approach motivation in major depression. Symposium talk, presented at the 52<sup>nd</sup> annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

Hajcak, G., **Foti, D.,** & Kotov, R. (September 2011). Psychophysiology and individual differences. Symposium talk, presented at the 51<sup>st</sup> annual meeting of the Society for Psychophysiological Research, Boston, MA.

### **POSTER PRESENTATIONS**

Brown, L., Jonas, K., Donaldson, K., Kotov, R., Rollock, D., & **Foti, D.** (May 2022). Potential Demographic Moderators of Abnormal P3 Among Individuals with Psychotic Disorders. Poster, presented at the 34<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.

Donaldson, K.R., Jonas, K., **Foti, D.,** Larsen, E.M., Mohanty, A., & Kotov, R. (May 2022). A prospective examination of mismatch negativity across psychotic illness. Poster, presented at the 34<sup>th</sup> annual meeting of the Association for Psychological Science, Chicago, IL.

Donaldson, K.R., Jonas, K., **Foti, D.,** Larsen, E.M., Mohanty, A., & Kotov, R. (April 2022). Five-year stability and predictive utility of mismatch negativity in psychotic disorders. Poster, presented at the 2022 Congress of the Schizophrenia International Research Society, Florence, Italy.

Harold, R., Novak, K., Neo, W. S., Stump, T.R., Lee, T., Garwood, T., Berry-Kravis, E., Kelleher, B., & **Foti, D.** (October 2021). Exploring Abnormal error processing among carriers of the FMR1 premutation. Poster, presented at the 2021 virtual meeting of the Society for Psychophysiological Research.

Hill, K.E., Neo, W.S., Deming, E., Kelleher, B.L., & **Foti, D.** (October 2021). Mother-infant convergence of event-related potentials related to motivated attention. Poster, presented at the 2021 virtual meeting of the Society for Psychophysiological Research.

Neo, W.S., Roberts, F., Yamamoto, M., Kelleher, B., & **Foti, D.** (October 2021). ‘Could you explain this study to me?...Sure.’: Conversational pauses are less salient in broad autism phenotype. Poster, presented at the 2021 virtual meeting of the Society for Psychophysiological Research.

Harold, R., Hill, K., Samuel, D., Perlman, G., & **Foti, D.** (September 2021). Neuroticism, the error-related negativity, and ill-temperament: Interactions among trait risk factors in predicting externalizing symptoms. Poster, presented at the 2021 virtual meeting of the Society for Research in Psychopathology.

Buck, S.P. Novak, K.D., & **Foti, D.** (April 2021). Frequency-domain error processing activity in individuals at clinically high risk for psychosis. Poster, presented at the 2021 virtual meeting of the Society of Biological Psychiatry.

Ahmed, K.M., Monsivais, H., Harold, R.B., **Foti, D.**, & Dydak, U. (March 2021). Longitudinal follow-up on psychological symptoms in welders. Poster, presented at the 2021 virtual meeting of the Society of Toxicology.

Zhou, X., **Foti, D.**, Kelleher, B., & Dydak, U. (November 2020). Quantification of GABA+ in the human brain by MR Spectroscopy at 3 Tesla: LCMoel comparison of MEGA-sLASER and HERMES. Poster, presented at the 106<sup>th</sup> annual meeting of the Radiological Society of North America.

Hill, K.E., Neo, W.S., Grosso, C., **Foti, D.**, & Kelleher, B. (October 2020). Examining the within-individual and within-family associations of respiratory sinus arrhythmia and frontal alpha asymmetry as psychophysiological measures of approach motivation. Poster, presented at the 2020 virtual meeting of the Society for Psychophysiological Research.

Neo, W.S., **Foti, D.**, & Kelleher, B. (October 2020). Associations between concurrent cardiac and neural measures of infant attention over short and long timescales. Poster, presented at the 2020 virtual meeting of the Society for Psychophysiological Research.

Novak, K.D., Buck, S., Kotov, R., & **Foti, D.** (October 2020). Neurophysiological profiles of psychosis risk: Examining relationships between cognitive function, ERPs and symptom severity. Poster, presented at the 2020 virtual meeting of the Society for Psychophysiological Research.

Renault, R., Burani, K., Mumper, E., Perlman, G., Jonas, K., Harold, R., Hajcak, G., Klein, D., Kotov, R., Kujawa, A., **Foti, D.**, MacNamara, A., & Weinberg, A. (October 2020). Establishing norms for the reward positivity (RewP) from childhood to older adulthood in a sample of 2,949. Poster, presented at the 2020 virtual meeting of the Society for Psychophysiological Research.

Brush, C.J., **Foti, D.**, Miller, M.W., Muniz, K.M., Gooden, M.J., Bocchine, A.J., & Alderman, B.L. (September 2019). Acute aerobic exercise boosts emotional reactivity to pleasant images but does not impact reward processing. Poster, presented at the 59<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Washington, D.C.

Hill, K.E., Hernandez, A., Neo, W.S., Kelleher, B., & **Foti, D.** (2019). Approach motivation is passed from mother to infant and may track risk for depression. Poster, presented at the 59<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Washington, D.C.

Jeong, H.J., Pegg, S., **Foti, D.**, & Kujawa, A. (September 2019). Neural processing of monetary incentives predicts real world momentary affect. Poster, presented at the 33<sup>rd</sup> annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

Novak, K.D., Buck, S., & **Foti, D.** (September 2019). Cognitive deficits in high-risk psychosis: Symptom specificity and links with distress. Poster, presented at the 33<sup>rd</sup> annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

Novak, K.D., Buck, S., & **Foti, D.** (September 2019). Profiles of risk for psychosis: Neurophysiology, cognitive function, and symptom severity. Poster, presented at the annual meeting of the Indiana Clinical & Translational Sciences Institute, Indianapolis, IN.



- Novak, K.D., Kotov, R., & **Foti, D.** (March 2019). Neuroclinical fingerprint of high-risk psychosis. Poster, presented at the annual meeting of the Association for Clinical and Translational Science, Washington, D.C.
- Santos, A., Ingram, S. H., Mitchell, M. E., King, S. K., Foti, D., & South, S. C. (March 2019). Late Positive Potencial (LPP) as a specific identifier of depression in romantic relationships conflicts. Poster, presented at the European Society for Cognitive Psychology (ESCOP), Tenerife.
- Novak, K.D., Neo, W.S., Ait Oumeziane, B., Lee, T.C., Stump, T., Buck, S.P., Mitchell, M.E., Tonnsen, B., Hélie, S., & **Foti, D.** (October 2018). Multimodal investigation of reward processing and procedural learning deficits in the FMR1 premutation: Methodological approach and preliminary data. Poster, presented at the University of Notre Dame Retreat of the Indiana Clinical and Translational Sciences Institute, South Bend, IN.
- Ait Oumeziane, B., Hajcak, G., & **Foti, D.** (October 2018). Reward dysfunction in major depressive disorder: Comparing traditional and alternative analytical methods to calculating difference scores. Poster, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
- Bowyer, C., **Foti, D.**, Nelson, B., Patrick, C., & Hajcak, G. (October 2018). Reduced anticipatory reward activity and depression: Results from an ERP-MID paradigm. Poster, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
- Donaldson, K.R., Novak, K.D., Perlman, G., **Foti, D.**, Kotov, R. Mohanty, A. (October 2018). Mismatch negativity as a transdiagnostic index of executive and real-world functioning across psychotic disorders. Poster, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
- Novak, K.D., Sauder, C.L., & **Foti, D.** (October 2018). From ERP to fMRI: Stages of reward processing using the monetary incentive delay task. Poster, presented at the 58<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
- Suzuki, T., Ait Oumeziane, B., Samuel, D. B., & Foti, D. (October 2018). Constructing flanker tasks with interpersonal and emotional stimuli: Initial evidence from error-related negativity and behavioral Data. Poster, presented at 58<sup>th</sup> annual meeting of Society for Psychophysiological Research, Quebec City, QC.
- Donaldson, Kayla R., Novak, Keisha D., Perlman, G., **Foti, D.**, Kotov, R., Mohanty, A. (September 2018). Impaired neural mechanisms of predictive coding relate to cognitive and daily functioning in psychotic disorders. Poster presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology in Indianapolis, IN.
- Hill, K.E., Rague, L., Tonnsen, B.L., & **Foti, D.** (September 2018). Coherence in resting-state brain activity among mother-infant dyads: Links with depression risk. Poster, presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
- Novak, K.D., **Foti, D.**, Jackson, F., Hajcak, G., & Kotov, R. (September 2018). Impaired semantic processing in psychotic illness: Diagnostic specificity and links with symptom dimensions. Poster, presented at the 32<sup>nd</sup> annual meeting of the Society for Research in Psychopathology in Indianapolis, IN.
- Suzuki, T., **Foti, D.**, & Samuel, D. B. (September 2018). Dimensional psychopathological model correlates of the error-related negativity elicited from different stimuli in flanker tasks. Poster, presented at the 32<sup>nd</sup> annual meeting of Society for Research in Psychopathology, Indianapolis, IN.

Donaldson, K.R., Kotov, R., Novak, K.D., Perlman, G., **Foti, D.**, & Mohanty, A. (May 2018). Relationships between mismatch negativity and transdiagnostic symptoms across psychotic disorders. Poster, presented at the 73<sup>rd</sup> annual meeting of the Society of Biological Psychiatry, New York, NY.

Hill, K., & **Foti, D.** (April 2018). Imbued affect: Using the late positive potential to quantify change in emotional reactivity over the course of a task. Poster, presented at the 5<sup>th</sup> annual meeting of the Society for Affective Science, Los Angeles, CA.

Ait Oumeziane, B. & **Foti, D.** (April 2018). Generalized and domain-specific neural reward deficits in depression. Poster, presented at the 5<sup>th</sup> annual meeting of the Society for Affective Science, Los Angeles, CA.

**Foti, D.**, Ait Oumeziane, B., Hill, K., & Novak, K. (November 2017). Multimodal neuroimaging of reward functioning to assess depression risk. Poster, presented at the 5<sup>th</sup> Indiana Neuroimaging Symposium, West Lafayette, IN.

Suzuki, T., Hill, K., Ait Oumeziane, B., **Foti, D.**, & Samuel, D.B. (October 2017). Using psychometric techniques to examine the relationships between event-related potentials and personality traits. Poster, presented at the 57<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

Suzuki, T., Hill, K.E., **Foti, D.**, & Samuel, D.B. (June 2017). Personality and neurophysiology: Investigating links using temporal variability. Poster, presented at the 5<sup>th</sup> biennial meeting of the Association for Research in Personality, Sacramento, CA.

Hill, K., South, S., Egan, R., & **Foti, D.** (April 2017). Emotional reactivity in major depression: Utilizing the late positive potential to evaluate emotion context insensitivity. Poster, presented at the 4<sup>th</sup> annual meeting of the Society for Affective Science, Boston, MA.

Webb, C., Auerbach, R., Bondy, E., Stanton, C., **Foti, D.**, & Pizzagalli, D. (April 2017). Abnormal neural responses to wins and losses in adolescent depression: Time-domain and time-frequency decomposition analyses and relations to rumination. Poster, presented at the 37<sup>th</sup> annual meeting of the Anxiety and Depression Association of America, San Francisco, CA.

Ait Oumeziane, B. & **Foti, D.** (September 2016). Do they like me or not? Development of a laboratory social reward paradigm. Poster, presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

Hill, K.E., Suzuki, S., Samuel, D.B., & **Foti, D.** (September 2016). Considering block-wise fluctuations in ERN amplitude and relationships with personality: A dynamic approach. Poster, presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

Novak, K.D., Bolbecker, M., Bartolomeo, L., O'Donnell, B., Hetrick, W., & **Foti, D.** (September 2016). Error monitoring across the schizophrenia spectrum: The impact of diagnosis and mood symptoms. Poster, presented at the 56<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

Brower, H.M., & **Foti, D.** (May 2016). Effects of ostracism and over-inclusion on ERPs, reward sensitivity, and self-esteem. Poster, presented at the 88<sup>th</sup> annual meeting of the Midwestern Psychological Association, Chicago, IL.

Ait Oumeziane, B., Schryer-Praga, J., & **Foti, D.** (March 2016). Reward as a multi-faceted construct: Contrasting the processing of monetary and social rewards. Poster, presented at the 3<sup>rd</sup> annual meeting of the Society for Affective Science, Chicago, IL.

Hill, K., Egan, R., & **Foti, D.** (March 2016). Mindfulness and the late positive potential: Differences in state and trait effects. Poster, presented at the 3<sup>rd</sup> annual meeting of the Society for Affective Science, Chicago, IL.

Ait Oumeziane, B., & **Foti, D.** (September 2015). The influence of depressive symptoms and trait impulsivity on the rewards positivity. Poster, presented at the 55<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Seattle, WA.

Hill, K.E., & **Foti, D.** (September 2015). Mapping personality and impulsivity into error processing: Links with the error-related negativity and error positivity. Poster, presented at the 55<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Seattle, WA.

Woodall, K.D., Novak, B.N., & **Foti, D.** (September 2015). Anticipatory and consummatory processing of monetary incentives: Relationships with depression and impulsivity. Poster, presented at the 55<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Seattle, WA.

Hill, K.E., & **Foti, D.** (May 2015). The error-related negativity, personality, and impulsivity: A multi-dimensional assessment. Poster, presented at the 27<sup>th</sup> annual meeting of the Association for Psychological Science, New York, NY.

Carlson, J., **Foti, D.**, Harmon-Jones, E., & Proudfit, G. (April 2014). fMRI and ERP measures of reward reactivity correlate with midbrain volume. Poster, presented at the 21<sup>st</sup> annual meeting of the Cognitive Neuroscience Society, Boston, MA.

**Foti, D.**, Gironde, S., Lee, J., Hajcak, G., & Björgvinsson, T. (November 2013). Impaired mood reactivity to positive events as a core feature of melancholic depression: Links with neurobiological dysfunction and treatment response. Poster, presented at the 47<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.

Jackson, F., **Foti, D.**, Kotov, R., Mathalon, D., & Hajcak, G. (October 2013). An incongruent reality: The N400 as an index of psychosis and recovery. Poster, presented at the 53<sup>rd</sup> annual meeting of the Society for Psychophysiological Research, Florence, Italy.

Perlman, G., Jackson, F., **Foti, D.**, Kotov, R., & Hajcak, G. (October 2013). Auditory P300 amplitude distinguished schizophrenia from other psychotic disorders and matched controls. Poster, presented at the 53<sup>rd</sup> annual meeting of the Society for Psychophysiological Research, Florence, Italy.

**Foti, D.**, & Hajcak, G. (September 2012). Blunted reactivity to reward but not performance feedback in major depression. Poster, presented at the 52<sup>nd</sup> annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

Bress, J.N., Smith, E., **Foti, D.**, & Hajcak, G. (September 2011). Decreased reward responsiveness with depressive symptoms: A developmental perspective. Poster, presented at the 51<sup>st</sup> annual meeting of the Society for Psychophysiological Research, Boston, MA.

**Foti, D.**, Bernat, E.M., & Hajcak, G. (September 2011). Bridging the feedback negativity and the reward positivity: Evidence from time-frequency decomposition and source localization. Poster, presented at the 51<sup>st</sup> annual meeting of the Society for Psychophysiological Research, Boston, MA.

Carlson, J.M., **Foti, D.**, Mujica-Parodi, L.R., Harmon-Jones, E., & Hajcak, G. (April 2011). During reward processing ventral striatal and medial prefrontal fMRI activation is correlated with the feedback negativity ERP. Poster, presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

**Foti, D.**, Kotov, R., Bromet, E.J., & Hajcak, G. (September 2010). Psychotic illness and abnormal error monitoring: Beyond schizophrenia. Poster, presented at the 50<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Portland, OR.

**Foti, D.**, Weinberg, A., Dien, J., & Hajcak, G. (September 2010). Parsing event-related potentials to rewards and non-rewards using temporal-spatial PCA: The feedback negativity is the absence of a reward-related positivity. Poster, presented at the 50<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Portland, OR.

**Foti, D.**, & Hajcak, G. (October 2009). Sadness and reward sensitivity: Trait and state mood variables impact the magnitude of the feedback negativity. Poster, presented at the 49<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Berlin, Germany.

MacNamara, A., **Foti, D.**, & Hajcak, G. (October 2008). Picture and context: The relative effects of intrinsic and extrinsic factors on the late positive potential. Poster, presented at the 48<sup>th</sup> Annual Meeting for the Society for Psychophysiological Research, Austin, TX.

**Foti, D.**, Hajcak, G., & Dien, J. (October 2008). Parsing emotion: A temporospatial analysis of ERPs during affective picture processing. Poster, presented at the 48<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Austin, TX.

**Foti, D.**, Hajcak, G., & Dunning, J.P. (October 2007). Reconsidering reappraisal: Descriptions preceding unpleasant pictures modulate the amplitude of the late positive potential. Poster, presented at the 47<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Savannah, GA.

Dunning, J.P., **Foti, D.**, & Hajcak, G. (October 2007). Neural response to emotional pictures is unaffected by concurrent task difficulty: An event-related potential study. Poster, presented at the 47<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Savannah, GA.

## **AD HOC REVIEWING**

### **GRANTS:**

NIH Fellowships (F16): Risk, Prevention, and Health Behavior Study Section (2020-present)  
 Indiana CTSI Predoctoral Fellowships (2019-present)  
 Society for a Science of Clinical Psychology, Varda Shoham Clinical Science Training Initiative (2021)  
 German Academic Exchange Service (2021)  
 Dutch Research Council (2020)  
 German Research Foundation (2020)  
 Polish National Science Centre (2019)  
 University of Cyprus, Leventis Foundation Research Committee (2018)  
 National Science Foundation of China (2017)  
 United Kingdom Medical Research Council (2016)

### **EDITORIAL CONSUTATION:**

American Journal of Psychiatry; Assessment; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience & Neuroimaging; Biological Psychology; BMC Neuroscience; Brain and Cognition; Brain Imaging and Behavior; Brain Research; British Journal of Psychiatry; Cerebral Cortex; Child Development; Clinical EEG & Neuroscience; Clinical Neurophysiology; Clinical Psychological Science; Cognition; Cognition

and Emotion; Cognitive, Affective, and Behavioral Neuroscience; Cognitive Neurodynamics; Cognitive Systems Research; Emotion; Epilepsy & Behavior; European Journal of Neuroscience; Experimental Brain Research; Frontiers in Psychology; Harvard Review of Psychiatry; International Journal of Psychophysiology; Journal of Abnormal Psychology; Journal of Affective Disorders; Journal of Child Psychology and Psychiatry; Journal of Cognitive Neuroscience; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Journal of Neurophysiology; Journal of Neuroscience; Journal of Psychiatric Research; Journal of Psychiatry & Neuroscience; Journal of Psychophysiology; Journal of Studies on Alcohol & Drugs; Motivation and Emotion; Nature Communications; Neurobiology of Aging; NeuroImage; NeuroImage: Clinical; Neuropsychologia; Neuropsychopharmacology; Neuroscience; Neuroscience Letters; Physiology & Behavior; PLOS ONE; Psychiatry Research; Psychiatry Research: Neuroimaging; Psychological Science; Psychological Trauma: Theory, Research, Practice, and Policy; Psychopharmacology; Psychophysiology; Schizophrenia Bulletin; Schizophrenia Research; Social Cognitive and Affective Neuroscience; Social Neuroscience

### **MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

Society for Psychophysiological Research (2006-present)  
 Society for a Science of Clinical Psychology (2011-present)  
 Association for Psychological Science (2012-present)  
 Society for Affective Science (2014-present)  
 Society for Research in Psychopathology (2015-present)  
 American Psychological Association (2007-2014)  
 Association for Behavioral and Cognitive Therapies (2013-2014)  
 American Association of University Professors (2021-present)  
 Association for Clinical and Translational Science (2022-present)

### **COURSES TAUGHT**

*Undergraduate level:*

- Abnormal Psychology
- Advanced Statistics
- Introduction to Statistics in Psychology
- Introduction to Clinical Psychology

*Graduate level:*

- Adult Psychopathology
- Clinical Supervision & Consultation
- Cognitive & Affective Bases of Behavior
- Introduction to Computer Applications in Statistics
- Personality Assessment
- Systems & Behavioral Neuroscience