

Greg Hajcak

Department of Psychology and Biomedical Sciences

Email: hajcak@psy.fsu.edu or hajcak@gmail.com

Florida State University
Tallahassee, FL 32304

Phone: 850-645-9268

Office: Psychology B439

POSITION

| | |
|-----------------------------------|--|
| Professor 2017— | Florida State University, Department of Psychology and Biomedical Sciences |
| Scientific Director 2017— | Florida State University, Functional Magnetic Resonance Imaging Facility |
| Professor 2015—2017 | Stony Brook University, Department of Psychology Clinical Area |
| Director 2014—2017 | Center for Affective Neuroscience of Depression and Anxiety (CANADA), Stony Brook University |
| Associate Professor 2010—2015 | Stony Brook University, Department of Psychology Clinical Area |
| Assistant Professor, 2006—2010 | Stony Brook University Department of Psychology Clinical Area |

EDUCATION

| | |
|------------------------------|---|
| Doctor of Philosophy 2006 | University of Delaware, Department of Psychology Clinical Psychology (Mentor: Robert F. Simons) |
| Master of Arts 2003 | University of Delaware, Department of Psychology Clinical Psychology |
| Bachelor of Science 2000 | University of Pittsburgh Cognitive Science |
| Bachelor of Arts 2000 | University of Pittsburgh Philosophy and English Writing |

RESEARCH GRANTS

PENDING

2021-2025 **National Institute of Mental Health (R61 MH128516)**

Ontogenetic Progression of Heavy Drinking Risk during Adolescence: A Multimodal Approach

Co-PI (Co-PI, Bartholow); Total costs: \$3,800,000

Impact Score: 36 (22nd %) on first submission

2021-2025 **National Institute of Mental Health (R01 MH128208)**

ERA Toolbox: Extensible Open-Source Software for Applying Generalizability Theory to Assess Psychometric Reliability of Trial-Wise Scores and Optimize Tasks for RDoC

Co-I (PI, Clayson); Total costs: \$3,100,000

Impact Score: 42 (31st %) on first submission

2021-2025 **National Institute of Mental Health (R61 MH128516)**

A Mobile Intervention for Suicide Prevention For Middle-aged And Older Adults After a Suicide-Related Hospitalization

Co-I (PI, Kiosses); Total costs: \$4,300,000

Impact Score: 34 on first submission (no percentile given)

CURRENT

2016-2021 **National Institute of Mental Health (R01 MH106477)**

Attention Training to Modify ERN and Risk for Anxiety in Adolescence

PI (co-PI, Nader Amir); Total costs: \$3,750,000

2017-2022 **National Institute of Mental Health (2R01; MH097767)**

Trajectories of Reward Sensitivity and Depression across Adolescence

Co-I (PI: Brady Nelson); Total costs: \$3,300,000

2017-2022 **National Institute of Mental Health (R01; MH112209)**

Threat-Related Negative Valence Systems, Child Victimization, and Anxiety

Co-I (PI: Carla Danielson); Total costs: \$3,300,000

2016-2021 **National Institute of Mental Health (R61 MH110542-01)**

A Novel Cognitive Reappraisal Intervention for Suicide Prevention

Co-I (PI: Dimitris Kiosses); Total costs: \$2,200,000

2018-2021 **National Institute of Mental Health (R15; MH116311)**

A Novel Approach to Integrating Event-Related Potentials and Self-Report Indices of Transdiagnostic Risk Factors of Emotional Distress

Co-I (PI: Nicholas P. Allan); Total costs: \$450,000

2021-2022 New Jersey Center on Gun Violence Research.

Development of Experimental Paradigms for Studying Gun Violence in the Laboratory

Co-I (PI: Schmidt, N.B.); Total costs: \$60,000

PAST

- 2018-2020 **National Institute of Mental Health (R21 MH116481)**
EEG correlates of reward in pregnancy
PI; Total costs: \$414,000
- 2012-2017 **National Institute of Mental Health (R01 MH097767)**
Trajectories of Reward Sensitivity and Depression across Adolescence
PI; Total costs: \$1,950,000
- 2016-2019 **National Institute of Mental Health (R21 MH108766)**
Targeting biomarkers of risk for Depression and Anxiety through a Parenting Intervention
PI (co-PI, Kristin Bernard); Total costs: \$425,000
- 2012-2017 **National Institute of Mental Health (R01; MH093479)**
Personality Development and Vulnerability to First-episode Depression
Co-I (PI: Roman Kotov); Total costs: \$2,778,000
- 2015-2018 **National Institute of Mental Health (3R01; MH098454-S1)**
A Randomized Controlled Trial of PCIT-ED for Preschool Depression
Co-I (PIs: Joan Luby and Deanna Barch); Total costs: \$1,000,000
- 2012-2016 **National Institute of Mental Health (R01; MH098060)**
Children's Attentional Biases: A Key Component of Negative Valence Systems
Co-I (PI: Brandon Gibb); Total costs: \$2,950,000
- 2012-2017 **National Institute of Mental Health (R25; MH080794)**
Yearly Workshop in the Event-Related Potential Technique
Consultant (PI: Steve Luck); Direct costs: \$163,000/year
- 2013-2017 **National Institute of Mental Health (R01; MH101497)**
Negative Valence Brain Targets and Predictors of Anxiety and Depression Treatment
Consultant (PI: Luan Phan); Direct costs: \$400,000/year
- 2013-2016 **National Institute of Mental Health (R03; MH098119)**
Anxiety and attention: Electrophysiological measurement of enhancement and suppression
Consultant (PI: Steve Luck); Direct costs: \$50,000/year
- 2011-2014 **National Institute of Mental Health (R03 MH094518)**
Reward-related Brain Activity: Biomarker for Risk of Depression in Childhood
PI; Total costs: \$150,000
- 2010-2014 **National Institute of Mental Health (R01; MH069942)**
Temperamental emotionality in preschoolers and depression risk

- Co-I (PI: Daniel N. Klein); Total costs: \$1,686,130
- 2011-2014 **National Institute of Mental Health (R01; MH094398)**
Trajectories of recovery from psychosis over two decades
Co-I (PI: Roman Kotov); Total costs: \$1,967,000
- 2008-2013 **National Institute of Mental Health (R25; RMH084769)**
Curriculum for Clinical and Research Training in Exposure Treatment for Anxiety
PI; Total costs: \$161,000
- 2008-2011 **National Institute of Mental Health (R03 MH082113)**
Error-Related Brain Activity and Risk for Anxiety and Depressive Disorders
PI; Total costs: \$150,000
- 2011-2014 **National Institute of Mental Health (R21; MH091468)**
Affective Neuroscience of Schizophrenia and Bipolar Disorder
Consultant (PI: William Horan); Total costs: \$322,775
- 2012-2014 **National Institute of Mental Health (R21; MH094545)**
Temporal Dynamics and Neural Bases of Emotion Regulation Under Emotional Load
Consultant (PI: James Gross); Total costs: \$434,000
- 2008-2010 **Feldstein Medical Foundation**
New Classifications of Bipolar, Depressive, and Anxiety Disorders
Co-I (PI: Roman Kotov); Total costs: \$150,000
- 2008-2010 **Stony Brook Hospital**
New Clinical Targets in Psychosis
Co-I (PI: Roman Kotov); Total costs: \$200,000
- 2008 **Stony Brook Center for Survey Research**
Neural Correlates of Information-Processing Abnormalities in Current and Remitted Depression
PI; Total costs: \$10,000
- 2003-2006 **National Institute of Mental Health (F31; MH69047)**
Error-related brain activity and pediatric anxiety
Total costs: \$75,000

MENTORED GRANTS AWARDED

- 2021-2024 **National Institute of Mental Health (F32; MH MH125504)**
Examining Effort-Based Reward Processing and Lifetime Stress in Relation to Depression during Adolescence
Sponsor (PI: CJ Brush)

Total Costs: \$270,654

- 2020-2022 **National Institute of Mental Health (F31; MH125624)**
Modulation of stress-induced anhedonia over the menstrual cycle: A multi-method investigation of stress and reward mechanisms
Sponsor (PI: Elizabeth Mulligan)
Total Costs: \$74,654
- 2018-2023 **National Institute of Mental Health (K23; MH118426)**
Influence of Physical Activity on Daily Positive Affect & Affective Neural Activity in Preschoolers
Co-Mentor (PI: Diana Whalen); Total costs: \$868,304
- 2020-2022 **National Institute on Drug Abuse (F31; DA052152-01)**
A multi-method examination of contrast avoidance and opioid misuse in patients with chronic pain
Co-Sponsor (PI: Katherine McDermott)
Total costs: \$74,654
- 2019-2021 **National Institute of Mental Health (F31; MH122096)**
Callousness and Distress Processing: An ERP Investigation of Attention and Emotion in Adolescence
Co-Sponsor (PI: Emily R. Perkins); Total costs: \$73,724
- PAST
- 2018-2020 **National Institute of Mental Health (F31MH114445)**
Efficacy of an intolerance of uncertainty (IU) intervention on self-report and biomarkers of IU
Co-sponsor (PI: Mary Oglesby)
Total Costs: \$71,780
- 2018-2020 **National Institute on Drug Abuse (F31; DA044710)**
Repeated Traumatic Brain Injuries and Problematic Cannabis Use: An Electrophysiological Investigation of Potential Mechanisms
Co-Sponsor (PI: Brian J. Albanese); Total costs: \$109,485
- 2017-2020 **Canadian Institutes of Health Research (DFSA; 201610DFS-385455-218174)**
The Role of Sleep Quality and Emotion Regulation in Predicting Depressive Symptoms
Sponsor (PI: Brittany C. Speed); Total Costs: \$105,000
- 2017-2019 **National Institute of Mental Health (F31; MH111172-01A1)**
A Study of Childhood Irritability: Neural Mechanisms and Developmental Pathways to Internalizing and Externalizing Psychopathology
Co-Sponsor (PI: Ellen Kessel); Total costs: \$91,062.50

- 2016-2019 **National Institute of Mental Health (F32; MH111130)**
Title Longitudinal Trajectories of Neural Response to Reward: Relations to and Mediators of Adolescent Depression Risk
Sponsor (PI: Katherine Luking); Total costs: \$157,218
- 2015-2018 **National Institute of Mental Health (1K01MH107808)**
Anxiety risk and Adolescence: Sensitivity to Unpredictable Threat and Uncertainty
Sponsor (PI: Brady Nelson); Total costs: \$531,000
- 2016-2018 **National Institute of Mental Health (F31; MH110154-01A1)**
Psychophysiological Response to Unpredictable Social Feedback: Relations with Social Anxiety and Real-World Functioning in Adolescence
Sponsor (PI: Felicia Jackson); Total costs: \$80,000
- 2014-2017 **National Institute of Mental Health (F31; MH102880)**
A Multi-method Assessment of Error Sensitivity and Trait Anxiety in Childhood and Adolescence: Cross-sectional and Prospective Relationships
Sponsor (PI: Alexandria Meyer); Total costs: \$109,000
- 2014-2017 **National Institute of Mental Health (F31; MH103924)**
Neural Response to Social Reward: Relationships with Depression over Adolescence
Sponsor (PI: Jennifer Bress); Total costs: \$109,000
- 2011-2014 **National Institute of Mental Health (F31; MH091837)**
Neural Correlates of Error Monitoring in Anxiety, Depression, and Comorbid Anxiety/Depression
Sponsor (PI: Anna Weinberg); Total costs: \$85,000
- 2011-2014 **National Institute of Mental Health (F31; MH095307)**
Neural Markers of Emotional Reactivity in Youth Depression and Anxiety
Co-Sponsor (PI: Autumn Kujawa); Total costs: \$106,000
- 2010-2012 **National Institute of Mental Health (F31; MH090658)**
Investigating emotional reactivity in depression using event-related potentials
Sponsor (PI: Dan Foti); Total costs: \$75,000
- 2010-2012 **National Institute on Aging (F31; AG037529)**
Frontal asymmetries and interpersonal anger, aggression, and inhibition across adulthood
Co-Sponsor (PI: Jill Malik); Total costs: \$75,000
- 2009-2011 **National Institute of Mental Health (F31; MH086197)**
Translational Approaches to the Study of Emotion in Self-Injury
Co-Sponsor (PI: Catherine Glenn); Total costs: \$62,000

AWARDS

- 2016 Distinguished Scientific Award for Early Career Contributions to Psychology
American Psychological Association
- 2015 – 2016 Cattell Sabbatical Award
Association for Psychological Science
- 2013 Dean’s Award for Excellence in Graduate Mentoring
Stony Brook University
- 2013 Early Career Impact Award
Federation of Associations in Behavioral and Brain Sciences
- 2012 Distinguished Scientific Award for Early Career Contributions to Psychophysiology
Society for Psychophysiological Research
- 2012 Janet Taylor Spence Award for Transformative Early Career Contributions
Association for Psychological Science
- 2011 “Paper of the year” (MacNamara, Ferri, & Hajcak, 2011)
Cognitive, Affective, and Behavioral Neuroscience
- 2010 Donald F. Klein Early Career Investigator Award
Anxiety Disorders Association of America
(now Anxiety and Depression Association of America)

HONORS AND ELECTED POSITIONS

- 2014 – present Scientific Council
Anxiety and Depression Association of America
- 2016 – present Treasurer
Society for Psychophysiological Research
- 2010 – present Board of Directors
Society for Psychophysiological Research
- 2015 – 2016 Treasurer
Society for Affective Science
- 2012 Fellow, Association for Psychological Science
- 2011 2011 “Rising Star”
Association for Psychological Science

| | |
|-------------|--|
| 2011 | Instructor, NIMH-sponsored Summer Institute in Cognitive Neuroscience |
| 2005 | Trainee Travel Award Anxiety Disorders Association of America |
| 2002 | Turskey Award for Outstanding Predoctoral Research Society for Psychophysiological Research |
| 2001 – 2002 | Graduate Fellowship University of Delaware |
| 1999 – 2000 | Fellowship and Traineeship in Mental Health NIMH; Western Psychiatric Institute and Clinic |
| 1995 – 2000 | Chancellor's Scholarship (Full Merit Scholarship) University of Pittsburgh, Honors College |
| 1995 | Eugene DuPont Memorial Distinguished Scholarship (Full Merit) University of Delaware |
| 1995 | Valedictorian Octorara Area High School |

APPOINTED EDITORIAL POSITIONS

Associate Editor

| | |
|----------------|--|
| 2012 – present | <u>Psychophysiology</u> |
| 2013 – 2014 | <u>Cognitive, Affective, & Behavioral Neuroscience</u> |
| 2011 – 2012 | <u>International Journal of Psychophysiology</u> |
| 2009 – 2012 | <u>Biological Psychology</u> |

Consulting Editorial Board

| | |
|----------------|---------------------------------------|
| 2014 – present | <u>Journal of Abnormal Psychology</u> |
| 2011 – present | <u>Emotion</u> |
| 2010 – present | <u>Behavior Therapy</u> |
| 2008 – 2014 | <u>Brain & Cognition</u> |

MANUSCRIPTS

Published or in press

**denotes shared first-author publication*

Please note that I published some papers as Greg Hajcak Proudfit

In press

343. Burani, K., Brush, C.J., Shields, G., Klein, D.N., Nelson, B.D., Slavich, G. M., Hajcak, G. (in press). Cumulative Lifetime Acute Stressor Exposure Interacts with Reward Responsiveness to Predict Longitudinal Increases in Depression Severity in Adolescence. *Psychological Medicine*.
342. Pitliya, R. J., Nelson, B. D., **Hajcak, G.**, & Jin, J. (in press) Drift-diffusion model reveals impaired reward-based perceptual decision-making processes associated with depression in late childhood and early adolescent girls. *Research on Child and Adolescent Psychopathology*.
341. Mehra, L., **Hajcak, G.**, & Meyer, A.M., (2022). The relationship between stressful life events and the error-related negativity in children and adolescents. *Developmental Cognitive Neuroscience*, 55, 101110.
340. Klawohn, J., Joyner, K., Santopetro, N., Ryan, J., & **Hajcak, G.** (2022). Depression Reduces Neural Correlates of Reward Salience with Increasing Effort Over the Course of the Progressive Ratio Task. *Journal of Affective Disorders*, 307, 294–300
339. Brush, C. J., Kallen, A. M., Meynadasy, M. A., King, T., **Hajcak, G.**, & Sheffler, J. L. (in press). The P300, loneliness, and depression in older adults. *Biological Psychology*.
338. Huggins, A. A., McTeague, L. M., Davis, M. M., Bustos, N., Crum, K., Polcyn, R., Adams, Z. W., Carpenter, L. A., **Hajcak, G.**, Halliday, C. A., Joseph, J. E., & Danielson, C. K. (In press). Neighborhood disadvantage associated with blunted amygdala reactivity to predictable and unpredictable threat in a community sample of youth. *Biological Psychiatry: Global Open Science*.
337. Dell’Acqua, C., Brush, C.J., Burani, K., Santopetro, N.J., Klawohn, J., Benvenuti, S.M., & **Hajcak, G.** (2020). Reduced electrocortical responses to pleasant pictures in depression: A brief report on time-domain and time-frequency delta analyses. *Biological Psychology*, 170, 108302.
336. Ryan, J., Pouilot, J.J., **Hajcak, G.**, & Nee, D.E. (in press). Manipulating Reward Sensitivity Using Reward Circuit-targeted Transcranial Magnetic Stimulation. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*
335. Jordan, C. D., Stewart, R., Brush, C. J., Cogle, J., & **Hajcak, G.** (in press). Appearance Concerns are Uniquely Associated with LPP Amplitude to Pictures of Oneself. *Social, Cognitive and Affective Neuroscience*.
334. Hennefield, L., Gilbert, K., Whalen, D., Giorio, C., Quiñones Camacho, L. E., Kelly, D., Fleuchaus, E., Barch, D. M., Luby, J. L., & **Hajcak, G.** (in press). The reward positivity shows increased amplitude and decreased latency with increasing age in early childhood. *Developmental Science*.
333. Brush, C.J., **Hajcak, G.**, Bocchine, A.J., Ude, A.A., Muniz, K.M., Foti, D., & Alderman, B.L. (in press). A randomized trial of aerobic exercise for major depression: Examining neural

indicators of reward and cognitive control as predictors and treatment targets. *Psychological Medicine*.

332. Sheffler, J., Meynadasy, M., Taylor, D., Kiosses, D., & **Hajcak, G.** (In Press). Subjective, Neuropsychological, and Neural Markers of Memory in Older Adults. *International Psychogeriatrics*.

331. Preston, T.J., Carr, D.C., Sachs-Ericsson, N., Sheffler, J., & **Hajcak, G.** (In press). Cognitive reappraisal and mental health in later life: The moderating role of gender. *Aging and Mental Health*.

330. Sheffler, J., Arjmandi, B., Quinn, J., **Hajcak, G.**, Vied, C., Akhavan, N., & Naar, S. (In Press). Feasibility of an MI-CBT Ketogenic Adherence Program for Older Adults with Mild Cognitive Impairment. Pilot and Feasibility Studies.

2022

329. Cofresí, R.U., Piasecki, T.M., **Hajcak, G.**, & Bartholow, B.D. (2022). Internal consistency and test-retest reliability of the P3 event-related potential (ERP) elicited by alcoholic and non-alcoholic beverage pictures. *Psychophysiology*, e13967.

328. Levinson, A.R., Szency, A., Nelson, B.D., **Hajcak, G.**, & Bernard, K. (2022). A Biomarker of Maternal Vicarious Reward Processing and its Association with Parenting Behavior. *Biological Psychology*, 167, 108240.

327. Fang, X., Klawohn, J., De Sabatino, A., Kundnani, H., Ryan, J., Yu, W., & **Hajcak, G.** (2022). Accurate Classification of Depression through Optimized Machine Learning Models on High-Dimensional Noisy Data. *Biomedical Signal Processing and Control*, 71(B), 103237.

2021

326. Klawohn, J., Brush, C. J., & **Hajcak, G.** (2021). Neural responses to reward and pleasant pictures prospectively predict remission from depression. *Journal of Abnormal Psychology*, 130(7), 702–712.

325. Burani, K., Brush, C.J., Gallyer, A., Joiner, T., Nelson, B., & **Hajcak, G.** (2021). Maternal suicidality interacts with blunted reward processing to prospectively predict increases in depressive symptoms in 8-to-14-year-old girls. *International Journal of Psychophysiology*, 170, 67-74.

324. Libsack, E.J., Trimber, E., Hauschild, K.M., **Hajcak, G.**, McPartland, J.C., & Lerner, M.D. (2021). An electrocortical measure associated with metarepresentation mediates the relationship

between autism symptoms and theory of mind. *Clinical Psychological Science*, June.
doi:10.1177/21677026211021975

323. Szenczy, A.K., Levinson, A.R., **Hajcak, G.**, Bernard, K., & Nelson, B.D. (2021). Reliability of Reward-and Error-Related Brain Activity in Early Childhood. *Developmental Psychobiology*, 63(6), e22175.

322. Hawes, M. T., Szenczy, A. K., **Hajcak, G.**, Klein, D. N., & Nelson, B. D. (2021). Increases in depression and anxiety symptoms in adolescents and young adults during the COVID-19 pandemic. *Psychological Medicine*, 1-9. doi:10.1017/S0033291720005358

321. Morabito, D.M., Burani, K. & **Hajcak, G.** (2021). Depressive Symptoms Prospectively Predict Peer Victimization: A Longitudinal Study Among Adolescent Females. *Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-020-01100-7>

320. Foti, D., Perlman, G., Bromet, E., Harvey, P., **Hajcak, G.**, Mathalon, D., & Kotov, R. (2021). Pathways from performance monitoring to negative symptoms and functional outcomes in psychotic disorders. *Psychological Medicine*, 51(12), 2012-2022.

319. Gallyer, A.J, Dougherty, S.P., Burani, K., Albanese, B.J., Joiner, T.E., & **Hajcak, G.** (2021). Suicidal Thoughts, Behaviors, and Event-Related Potentials: A Systematic Review and Meta-Analysis. *Psychophysiology*, e13939.

318. Mulligan, E. M., Lowe, M., Flynn, H., **Hajcak, G.** (2021). The rewards of motherhood: Neural response to reward in pregnancy prospectively predicts maternal bonding with the infant in the postpartum period. *Biological Psychology*, 163, 108148

317. Santopetro, N.J., Brush, C.J., Bruchnak, A., Klawohn, J., & **Hajcak, G.** (2021). A Reduced P300 Prospectively Predicts Increased Depressive Severity in Adults with Clinical Depression. *Psychophysiology*, 58(4), e13767.

316. Santopetro, N.J., Brush, C.J., Burani, K., Bruchnak, A., & **Hajcak, G.** (2021). Doors P300 moderates the relationship between reward positivity and current depression status in adults. *Journal of Affective Disorders*, 294(1), 776-785.

315. Burani, K., Gallyer, A.J., Ryan, J., Jordan, C., Joiner, T.E., & **Hajcak, G.** (2021). Acute stress reduces reward-related neural activity: Evidence from the reward positivity. *DOI: 10.1080/10253890.2021.1929164*

314. Bowyer, C.J., Brush, C.J., Threadgill, H., Harmon-Jones, E., Treadway, M., Patrick, C.J., & **Hajcak, G.** (2021). The Effort-Doors Task: Examining the Temporal Dynamics of Effort-Based Reward Processing using ERPs. *NeuroImage*, 228, 117656.

313. Meyer, A.M., Mehra, L., & **Hajcak, G.** (2021). The error-related negativity (ERN) predicts increases in anxiety among a sample of clinically anxious children and adolescents across two years. *Journal of Psychiatry and Neuroscience*, 46(4), 472-479

312. Kappenman, E.S., Geddert, R., Farrens, J.L., McDonald, J.J., & **Hajcak, G.** (2021). Recoiling from Threat: Anxiety is Related to Heightened Suppression of Threat, Not Increased Attention to Threat. *Clinical Psychological Science*, 9(3), 434-448.
311. Clayson, P. E., Brush, C. J., & **Hajcak, G.** (2021). Data quality and reliability metrics for event-related potentials (ERPs): The utility of subject-level reliability. *International Journal of Psychophysiology*, 165, 121-136.
310. Brush, C.J., Burani, K., Schmidt, K. M, Santopetro, N. J., & **Hajcak, G.** (2021). The impact of a single session of aerobic exercise on positive emotional reactivity in depression: Insight into individual differences from the late positive potential. *Behaviour Research and Therapy*, 144, 103914.
309. Albanese, B.J. & **Hajcak, G.** (2021). Reward processing abnormalities and promising new directions for understanding suicide vulnerability. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6(1), 8-9
308. Foell, J., Klawohn, J., Bruchnak, A., Brush, C. J., Patrick, C. J., & **Hajcak, G.** (2021). Ventral striatal activation during reward differs between major depression with and without impaired mood reactivity. *Psychiatry Research: Neuroimaging*, 111298.
307. KR Luking, K.R., Gilbert, K., Kelly, D., Kappenman, E.S., **Hajcak, G.**, Luby, J.L., & Barch, D.M (2021). The Relationship Between Depression Symptoms and Adolescent Neural Response During Reward Anticipation and Outcome Depends on Developmental Timing: Evidence from a Longitudinal Study. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6(5), 527-535.

2020

306. Klawohn, J., Burani, K., Bruchnak, A., Santopetro, N., & **Hajcak, G.** (2020). Reduced Neural Response to Reward and Pleasant Pictures Independently Relate to Depression. *Psychological Medicine*, 1-9, DOI:10.1017/S0033291719003659
305. **Hajcak, G.**, & Foti, D. (2020). Significance?...Significance! Empirical, methodological, and theoretical connections between the late positive potential and P300 as neural response to stimulus significance: An integrative review. *Psychophysiology*, 57(7), e13570.
304. Barch, D.M., Whalen, D., Gilbert, K., Kelly, D., Kappenman, E.S., **Hajcak, G.**, & Luby, J.L. (2020). Neural indicators of anhedonia: Predictors and mechanisms of treatment change in a randomized clinical trial in early childhood depression. *Biological Psychiatry*, 88(11), 879-887.
303. Klawohn, J., Meyer, A., Weinberg, A., & **Hajcak, G.** (2020). Methodological Choices in Event-Related Potential (ERP) Research and Their Impact on Internal Consistency Reliability

and Individual Differences: An Examination of the ERN and Anxiety. *Journal of Abnormal Psychology*, 129(1), 29–37.

302. Santopetro, N., Kallen, A.M., Threadgill, A.H., & **Hajcak, G.** (2020). Reduced Flanker P300 Prospectively Predicts Increases in Depression in Female Adolescents. *Biological Psychology*, 156, 107967.

301. Klawohn, J., Santopetro, N., Meyer, A., & **Hajcak, G.** (2020). Reduced P300 in Depression: Evidence from a Flanker Task and Impact on ERN, CRN, and Pe. *Psychophysiology*, e13520. <https://doi.org/10.1111/psyp.13520>.

300. Speed, B.C., Levinson, A.R., Gross, J.J., Kiesses, D.N., & **Hajcak, G.** (2020). Emotion Regulation to Idiographic Stimuli: Testing the Autobiographical Emotion Regulation Task. *Neuropsychologia*, 145, 106346.

299. Klawohn, J., Bruchnak, A., Burani, K., Meyer, A., Lazarov, A., Bar-Haim, Y., & **Hajcak, G.** (2020). Aberrant Attentional Bias to Sad Faces in Depression and the Role of Stressful Life Events: Evidence from an Eye-Tracking Paradigm. *Behaviour Research and Therapy*, 135: 103762.

298. Foti D, Perlman G, Bromet EJ, Harvey PD, Hajcak G, Mathalon DH, Kotov R (2020). Pathways from performance monitoring to negative symptoms and functional outcomes in psychotic disorders. *Psychological Medicine*, 1–11.

297. Kallen, A.M, Perkins, E.R., Klawohn, J., & **Hajcak, G.** (2020). Cross-Sectional and Prospective Associations of P300, RewP, and ADHD Symptoms in Female Adolescents. *International Journal of Psychophysiology*, 158, 215-224.

296. Mulligan, E.M., **Hajcak, G.**, Crisler, S., & Meyer, A. (2020). Increased dehydroepiandrosterone (DHEA) is associated with anxiety in adolescent girls. *Psychoneuroendocrinology*, 119, 104751.

295. Threadgill, A.H., Ryan, J., Jordan, C., & **Hajcak, G.** (2020). The reward positivity: Comparing visual and auditory feedback. *Biological Psychology*, 154, 107907.

294. Klawohn, J., **Hajcak, G.**, Amir, N., Kathmann, N., & Riesel, A. (2020). Application of attentional bias modification training to modulate hyperactive error-monitoring in OCD. *International Journal of Psychophysiology*, 156: 79-86.

293. Goldstein, B.L., Kessel, E.M., Kujawa, A., Finsass, M.C., Davila, J., **Hajcak, G.**, & Klein, D.N. (2020). Stressful life events moderate the effect of neural reward responsiveness in childhood on depressive symptoms in adolescence. *Psychological Medicine*, 50(9), 1548-1555.

292. Mulligan, E.M., Infantolino, Z., Klein, D.N., & **Hajcak, G.** (2020). Developmental trajectory of the late positive potential: Using temporal-spatial PCA to characterize within-subject developmental changes in emotional processing. *Psychophysiology*, 57(2), e13478.

291. Whalen, D.J., Gilbert, K.E., Belden, A.C., Kelly, D., **Hajcak, G.**, Kappenman, E.S., Luby, J.L., & Barch, D.M. (2020). Preschool-Onset Major Depressive Disorder is Characterized by Electrocardiac Deficits in Processing Pleasant Emotional Pictures. *Journal of Abnormal Child Psychology*, *48*, 91-108.
290. Bartlett, E.A., Ananth, M.R., Zhu, C., Yang, J., **Hajcak, G.**, Parsey, R.V., & DeLorenzo, C. (2020). Examining the underpinnings of loudness dependence of auditory evoked potentials with positron emission tomography. *NeuroImage*, *213*, 116733.
289. Katyal, S., **Hajcak, G.**, Flora, T., Bartlett, A., & Goldin, P. (2020). Event-related potential and behavioral differences in affective self-referential processing in long-term meditators versus controls. *Cognitive, Affective, and Behavioral Neuroscience*, *20*, 326-339.
288. Levinson, A. & **Hajcak, G.** (2020). Peripheral Psychophysiology. In A.G.C. Wright & M.N. Hallquist (Eds.) Cambridge handbook of research methods in clinical psychology. New York, NY: Cambridge University Press.
287. Speed, B. & **Hajcak, G.** (2020). Event-related potentials and emotion dysregulation. In T. Beauchaine & S. Crowell (Eds.), *Handbook of Emotion Dysregulation*.
286. Strange, J.P., MacNamara, A., Barnas, O., Kennedy, A.E., **Hajcak, G.**, Phan, K.L., & Klumpp, H. (2020). Brain-Behavioral Adaptability Predicts Response to Cognitive Behavioral Therapy for Emotional Disorders: A Person-Centered Event-Related Potential Study. *Neuropsychologia*, *145*, 106408.

2019

285. **Hajcak, G.**, Klawohn, J., & Meyer, A. (2019). The utility of event-related potentials (ERPs) in clinical psychology. *Annual Review of Clinical Psychology*, *15*, 71-95.
284. Meyer, A., Gibby, B., Wissermann, K., Klawohn, J., **Hajcak, G.**, & Schmidt, N.B. (2019). A brief, computerized intervention targeting error sensitivity reduces the error-related negativity. *Cognitive, Affective, & Behavioral Neuroscience*, *20*(1), 172-180.
283. Burani, K., Klawohn, J., Levinson, A.R., Klein, D.N., Nelson, B.D., & **Hajcak, G.** (2019). Blunted Neural Response to Rewards, Stress and Sleep Disturbances Interact to Prospectively Predict Increases in Depressive Symptoms in Adolescent Girls. *Journal of Clinical Child and Adolescent Psychology*, DOI: [10.1080/15374416.2019.1630834](https://doi.org/10.1080/15374416.2019.1630834)
282. Mulligan, E.M., **Hajcak, G.**, Klawohn, J., Nelson, B., & Meyer, A. (2019). Effects of menstrual cycle phase on associations between the error-related negativity and checking symptoms in women. *Psychoneuroendocrinology*, *103*, 233-240.

281. Meyer, A., & **Hajcak, G.** (2019). A review examining the relationship between individual differences in the error-related negativity and cognitive control. *International Journal of Psychophysiology*, *144*, 7-13.
280. Joyner, K., Bowyer, C., Yancey, J., Venables, N., Foell, J., Worthy, D., **Hajcak, G.**, Bartholow, B., & Patrick, C. (2019). Blunted reward sensitivity and train disinhibition interact to predict substance use problems. *Clinical Psychological Science*, *7*(5), 1109-1124.
279. Mulligan, E.M., Flynn, H., & **Hajcak, G.** (2019). Neural Response to Reward and Psychosocial Risk Factors Independently Predict Antenatal Depressive Symptoms. *Biological Psychology*, *147*, 107622.
278. Hassall, C.D., **Hajcak, G.** & Krigolson, O.E. (2019). The importance of agency in human reward processing. *Cognitive, Affective, and Behavioral Neuroscience*, *19*, 1458-1466.
277. Kessel, E.M., Nelson, B.D., Finsaas, M., Kujawa, A., Meyer, A., **Hajcak, G.**, Kotov, R., Carlson, G.A., Bromet, E.J., & Klein, D.N. (2019). Parenting Style Moderates the effects of Exposure to Natural Disaster-related Stress on the Neural Development of Reactivity to Threat and Reward in Children. *Development and Psychopathology*, *31*(4), 1589-1598.
276. Burani, K., Mulligan, E.M., Klawohn, J., Luking, K.R., Nelson, B.D. & **Hajcak, G.** (2019). Longitudinal increases in reward-related neural activity in adolescence: Evidence from event-related potentials (ERPs). *Developmental Cognitive Neuroscience*, *36*, 100620.
275. Levinson, A.R., Speed, B.C., & **Hajcak, G.** (2019). Neural response to pleasant pictures moderates prospective relationship between stress and depressive symptoms in adolescent girls. *Journal of Clinical Child & Adolescent Psychology*, *48*:4, 643-655.
274. Mackin, D.M., Kotov, R., Perlman, G., Nelson, B.D., Goldstein, B.L., **Hajcak, G.**, & Klein, D.N. (2019). Reward processing and future life stress: Stress generation pathway to depression. *Journal of Abnormal Psychology*, *128*(4), 305-314.
273. Payne, A., Ting, L., & **Hajcak, G.** (2019). Dissociation of muscle and cortical response scaling to balance perturbation acceleration. *Journal of Neurophysiology*, *121*(3), 867-880.
272. Luking, K.R., Infantolino, Z.P., Nelson, B.D., & **Hajcak, G.** (2019). Age-typical changes in neural reward response are moderated by maternal anhedonia. *Psychophysiology*, *56*(7), e13358.
271. Payne, A., Ting, L., & **Hajcak, G.** (2019). Do sensorimotor perturbations to standing balance elicit an error-related negativity? *Psychophysiology*, *57*(7), e13359.
270. Bowyer, C.B., Joyner, K.J., Yancy, J.R., Venables, N.C., **Hajcak, G.**, & Patrick, C.J. (2019). Toward a neurobehavioral trait conceptualization of depression proneness. *Psychophysiology*, *56*(7), e13367.

269. Klonsky, E.D., Victor, S.E., Hibbert, A.S., & **Hajcak, G.** (2019). The multidimensional emotion questionnaire (MEQ): Rationale and initial psychometric properties. *Journal of Psychopathology and Behavioral Assessment*, *41*(3), 409-424.
268. Benau, E.M., Hill, K.E., Atchley, R.A., O'Hare, A.J., Gibson, L.J., **Hajcak, G.**, Ilardi, S.S., & Foti, D. (2019). Increased neural sensitivity to self-relevant stimuli in Major Depressive Disorder. *Psychophysiology*, *56*(7), e13345.
267. Kujawa, A., **Hajcak, G.**, & Klein, D.N. (2019). Reduced Reward Responsiveness Moderates the Effect of Maternal Depression on Depressive Symptoms in Offspring: Evidence across Levels of Analysis. *Journal of Child Psychology and Psychiatry*, *60* (1), 82-90.
266. 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*(2), 151-159.
265. Sachs-Ericsson, N. Carr, D., Sheffler, J., Preston, T.J., Kiosses, D. & **Hajcak, G.** (2019). Cognitive Reappraisal and the Association between Depressive Symptoms and Perceived Social Support among Older Adults. *Aging & Mental Health*. DOI: [10.1080/13607863.2019.1698516](https://doi.org/10.1080/13607863.2019.1698516).
264. Lincoln, S.H., Pisoni, A., Bondy, E., Kumar, P., Singleton, P., **Hajcak, G.**, Pizzagalli, D., & Auerbach, R.P. (2019). Altered reward processing following an acute social stressor in adolescents. *PLOS ONE*, *14*(1), e0209361.
263. Peters, A.T., Burkhouse, K., Kujawa, A., Afshar, K., Fitzgerald, K.D., Monk, C.S., **Hajcak G.**, & Phan, K.L. (2019) Impact of pubertal timing and depression on error-related brain activity in anxious youth. *Developmental Psychobiology*, *61*(1), 69-80.
262. Keifer, C.M., Hauschild, K.M., Nelson, B.D., **Hajcak, G.**, & Lerner, M.D. (2019). Differences in the late positive potential and P300 to emotional faces in individuals with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, *49*(12), 5009-5022.
261. Clayson, P. E., Wynn, J. K., Infantolino, Z. P., **Hajcak, G.**, Green, M. F., & Horan, W. P. (2019). Reward processing in certain versus uncertain contexts in schizophrenia: An event-related potential (ERP) study. *Journal of Abnormal Psychology*, *128*(8), 867-880.

2018

260. Infantolino, Z., Luking, K.R., Sauder, C.L., Curtin, J.J., & **Hajcak, G.** (2018). Robust is not necessarily reliable: From within-subjects fMRI contrasts to between-subjects comparisons. *NeuroImage*, *173*, 146-152.

259. Nelson, B. D., Infantolino, Z. P., Klein, D. N., Perlman, G., Kotov, R., & **Hajcak, G.** (2018). Time-frequency reward-related delta prospectively predicts adolescent-onset depression. *Biological Psychiatry: Cognitive Neuroscience & Neuroimaging*, *3(1)*, 41-49.
258. Luking, K.R., Nelson, B.D., Infantolino, Z., Sauder, C., & **Hajcak, G.** (2018). Ventral Striatal Function Interacts with Positive and Negative Life Events to Predict Concurrent Youth Depressive Symptoms. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, *3(11)*, 937-946.
257. Mulligan, E., Nelson, B.D., Infantolino, Z.P., Luking, K.R., Sharma, R., & **Hajcak, G.** (2018). Effects of Menstrual Cycle Phase on Electro cortical Response to Reward and Depressive Symptoms in Women. *Psychophysiology*, e13268.
256. Brush C.J., Ehmann P.J., **Hajcak G.**, Selby E.A. & Alderman B.L. (2018). Using multilevel modeling to examine blunted neural responses to reward in major depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, *3(12)*, 1032-1039.
255. Hausman, E.M., Kotov, R., Perlman, G., **Hajcak, G.**, Kessel, E.M., & Klein, D.N. (2018). Prospective Predictors of First-onset Depressive Disorders in Adolescent Females with Anxiety Disorders. *Journal of Affective Disorders*, *235(1)*, 176-183.
254. Meyer, A., **Hajcak, G.**, Bufferd, S.J., Kujawa A.J., Laptok, R.S., Torpey D.C., & Klein, D.N. (2018). A genetic variant BDNF polymorphism interacts with hostile parenting to predict error-related brain activity and thereby risk for internalizing disorders in children. *Development and Psychopathology*, *3(1)*, 125-141.
253. Meyer, A., **Hajcak, G.**, Torpey. D., Kujawa, A., Olino, T., Dyson, T., & Klein, D.N. (2018). Early temperamental fearfulness and the developmental trajectory of error-related brain activity. *Developmental Psychobiology*, *60(2)*, 224-231.
252. Burkhouse, K. L., Gorka, S. M., Klumpp, H., Kennedy, A. E., Karich, S., Francis, J., Ajilore, O., Craske, M. G., Langenecker, S., Shankman, S. A., **Hajcak, G.**, & Phan, K. L. (2018). Neural responsiveness to reward as an index of depressive symptom change following cognitive-behavioral therapy and selective serotonin reuptake inhibitor treatment. *The Journal of Clinical Psychiatry*, *79(4)*, e1-8.
251. Mulligan, E.M., & **Hajcak, G.** (2018). The Electro cortical Response to Rewarding and Aversive Feedback: The Reward Positivity Does Not Reflect Salience in Simple Gambling Tasks. *International Journal of Psychophysiology*, *132*, 262-267.
250. Kessel, E.M., Nelson, B.D., Kujawa, A., **Hajcak, G.**, Kotov, R., Bromet, E.J., Carlson, G.A., & Klein, D.N. (2018). Hurricane Sandy exposure alters the development of neural reactivity to negative stimuli in children. *Child Development*, *89(2)*, 339-348.

249. Meyer, A., Bress, J.N., **Hajcak, G.**, & Gibb, B.E. (2018). Maternal Depression is Related to Reduced Error-related Brain Activity in Child and Adolescent Offspring. *Journal of Clinical Child and Adolescent Psychology*, 47(2), 324-335.
248. Kujawa, A., Carroll, A., Mumper, E., Mukherjee, D., Kessel, E., Olino, T., **Hajcak, G.**, & Klein, D.N. (2018). A Longitudinal Examination of Event-Related Potentials Sensitive to Monetary Reward and Loss Feedback from Late Childhood to Middle Adolescence. *International Journal of Psychophysiology*, 132, 323-330.
247. Tsypes, A., Owens, M., **Hajcak, G.**, & Gibb, B. E. (2018). Neural reward responsiveness in children who engage in nonsuicidal self-injury: An ERP study. *Journal of Child Psychology and Psychiatry*, 59(12), 1289-1297.
246. Culbreth, A., Foti, D., Barch, D., **Hajcak, G.**, & Kotov, R. (2018). Electro cortical responses to emotional stimuli in psychotic disorders: comparing schizophrenia spectrum disorders and affective psychosis. *Frontiers in Psychiatry*, 9, article 586.
245. Sachs-Ericsson, N.J., **Hajcak, G.**, Sheffler, J.L., Stanley, I.H., Selby, E.A., Potter, G.G., & Steffens, D.C. (2018). Putamen volume differences among older adults: depression status, melancholia, and age. *Journal of Geriatric Psychiatry and Neurology*, 31(1), 39-49.
244. Bondy, E., Stewart, J.G., **Hajcak, G.**, Weinberg, A., Tarlow, N., Mittal, V.A., & Auerbach, R.P. (2018). Emotion processing in female youth: Testing the stability of the late positive potential. *Psychophysiology*, 55(2).
243. Fitzgerald, J.M., Gorka, S.M., Kujawa, A., DiGangi, J., Proescher, E., Greenstein, J.E., Aase, D., Schroth, C., Afshar, K., Kennedy, A., **Hajcak, G.**, Phan, K.L. (2018). Neural indices of emotional reactivity and regulation predict course of PTSD symptoms in combat-exposed veterans. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 82(2), 255-262.
242. Speed, B.C., Nelson, B.D., Levinson, A.R., Perlman, G., Klein, D.N., Kotov, R., & **Hajcak, G.** (2018). Extraversion, neuroticism, and the electrocortical response to monetary rewards in adolescent girls. *Biological Psychology*, 136, 111-118.
241. Khan, N. I., Burkhouse, K. L., Lieberman, L., Gorka, S. M., DiGangi, J. A., Schroth, C., Frederick, A., Kennedy, A. E., Aase, D. M., Greenstein, J. E., Proescher, E., **Hajcak, G.**, & Phan, K. L. (2018). Individual differences in combat experiences and error-related brain activity in OEF/OIF/OND Veterans. *International Journal of Psychophysiology*, 129, 52-57.
240. Howse, A.D., Hassall, C.D., Williams, C.C., **Hajcak, G.**, & Krigolson, O.E. (2018). Alcohol Hangover Impacts Learning and Reward Processing Within the Medial-Frontal Cortex. *Psychophysiology*, 55(8), e13081.
239. 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.

238. Tanovic, E., **Hajcak, G.**, & Joormann, J. (2018). Hating Waiting: Individual Differences in Willingness to Wait in Uncertainty. *Journal of Experimental Psychopathology, Jan-March, 1-12.*

237. Kiosses DN, Alexopoulos GS, **Hajcak G**, Apfeldorf W, Duberstein PR, Putrino D, Gross JJ. Cognitive Reappraisal Intervention for Suicide Prevention (CRISP) for middle-aged and older adults hospitalized for suicidality. (2018). *American Journal of Geriatric Psychiatry, 26(4)*, 494-503.

2017

236. **Hajcak, G.**, Meyer, A., & Kotov, R. (2017). Psychometrics and the neuroscience of individual differences: Internal consistency limits between-subjects effects. *Journal of Abnormal Psychology, 126(6)*, 823-834.

235. Weinberg*, A., May*, A.M., Klonsky, E.D., Kotov, R., & **Hajcak, G.** (2017). Decreased neural response to threat differentiates patients who have attempted suicide from non-attempters regardless of current ideation. *Clinical Psychological Science, 5(6)*, 952-963.

234. Speed, B. C., Jackson, F. L., Nelson, B. D., Infantolino, Z. P., & **Hajcak, G.** (2017). Unpredictability increases the Error-Related Negativity in children and adolescents. *Brain and Cognition, 119*, 25-31.

233. Cavanagh, J., Meyer, A., & **Hajcak, G.** (2017). Error-Specific Cognitive Control Alterations in General Anxiety Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2(5)*, 413-420.

232. Luking, K.R., Nelson, B.D., Infantolino, Z.P., Sauder, C.L., & **Hajcak, G.** (2017). Internal Consistency of Functional Magnetic Resonance imaging and Electroencephalography Measures of Reward in Late Childhood and Early Adolescence. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2(3)*, 289-297.

231. Meyer, Lerner, M., Reyes, A., Laird, R., & **Hajcak, G.** (2017). Considering ERP difference scores as individual difference measures: Issues with subtraction and alternative approaches. *Psychophysiology, 54(1)*, 114-122.

230. Nelson, B. D., Jackson, F., Amir, N., & **Hajcak, G.** (2017). Attention bias modification reduces neural correlates of response monitoring. *Biological Psychology, 129*, 103-110.

229. Nelson, B. D., & **Hajcak, G.** (2017). Anxiety and depression symptom dimensions demonstrate unique associations with the startle reflex in anticipation of unpredictable threat in 8 to 14 year-old girls. *Journal of Abnormal Child Psychology, 45(2)*, 397-410.

228. Meyer, A., **Hajcak, G.**, Glenn, C.R., Kujawa, A., & Klein, D.N. (2017). Error-related brain activity is related to aversive potentiation of the startle in children, but only the ERN is associated with anxiety disorders. *Emotion, 17(3)*, 487-496.

227. Levinson, A., Speed, B., Infantolino, Z., & **Hajcak, G.** (2017). Reliability of the electrocortical response to gains and losses in the doors task. *Psychophysiology*, *54*(4), 601-607.
226. Meyer, A., Danielson, C.K., Danzig, A.P., Bhatia, V., Black, S.R., Bromet, E., Carlson, G., **Hajcak, G.**, Kotov, R., & Klein, D.N. (2017). Neural biomarker prospectively predicts increases in anxiety symptoms in children after Hurricane Sandy. *Journal of the American Academy of Child and Adolescent Psychiatry*, *56*(5), 410-416.
225. Jackson, F., Nelson, B.D., Meyer, A., & **Hajcak, G.** (2017). Pubertal Development and Anxiety Risk Independently Relate to Startle Habituation during Fear Conditioning in 8 to 14 Year-Old Females. *Developmental Psychobiology*, *59*(4), 436-448.
224. Nelson, B.D. & **Hajcak, G.** (2017). Defensive Motivation and Attention in Anticipation of Different Types of Predictable and Unpredictable Threat: A Startle and Event-Related Potential Investigation. *Psychophysiology*, *54*(8), 1180-1194.
223. Levinson, A.R., Speed, B.C., Nelson, B.D., Bress, J.N., & **Hajcak, G.** (2017). Authoritarian parenting predicts reduced electrocortical response to observed adolescent offspring rewards. *Social Cognitive Affective Neuroscience*, *12*(3), 363-371.
222. Masaki, H., Maruo, Y., Meyer, A., & **Hajcak, G.** (2017). Neural correlates of choking under pressure: Athletes high in sports anxiety monitor errors more when performance is being evaluated. *Developmental Neuropsychology*, *42*(2), 104-112.
221. Kessel, E., Kujawa, A., Goldstein, B., **Hajcak, G.**, Bufferd, S., Dyson, M., & Klein, D.N. (2017). Behavioral observations of positive and negative valence systems in early childhood predict physiological measures of emotional processing three years later. *Journal of Affective Disorders*, *216*, 70-77.
220. Strange, 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.
219. Sussman, T., Weinberg, A., Szekely, A., **Hajcak, G.**, & Mohanty, A. (2017). Here comes trouble: Prestimulus brain activity predicts enhanced perception of threat. *Cerebral Cortex*, *27*(4), 2695-2707.
218. Tsypes, A., Owens, M., **Hajcak, G.**, & Gibb, B.E. (2017). Neural response to gains and losses in children of suicide attempters. *Journal of Abnormal Psychology*, *126*(2), 237-243.
217. Parisi, E.A., **Hajcak, G.**, Aneziris, E., & Nelson, B.D. (2017). Effects of Anticipated Emotional Category and Temporal Predictability on the Startle Reflex. *International Journal of Psychophysiology*, *119*, 67-72.

216. Jin, J., Narayanan, A., Perlman, G., Luking, K.R., DeLorenzo, C., **Hajcak, G.**, Klein, D.N., Kotov, R., & Mohanty, A. (2017). Orbitofrontal cortex activity and connectivity predict future depression symptoms in adolescence. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2(7), 610-618.
215. Tanovic, E., **Hajcak, G.**, & Sanislow, C.A. (2017). Rumination is associated with diminished performance monitoring. *Emotion*, 17(6), 953-964.
214. 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.
213. Moskowitz, L. J., Walsh, C. E., Mulder, E., Magito McLaughlin, D., **Hajcak, G.**, Carr, E. G., & Zarcone, J. R. (2017). Intervention for anxiety and problem behavior in children with autism spectrum disorder and intellectual disability. *Journal of Autism and Developmental Disorders*, 47(12), 3930-3948.

2016

212. Nelson, B.D., Perlman, G., Klein, D.N., Kotov, R., & **Hajcak, G.** (2016). Blunted Neural Response to Rewards as a Prospective Predictor of the Development of Depression in Adolescent Girls. *American Journal of Psychiatry*, 173(12), 1223-1230.
211. Speed, B.C., Nelson, B.D., Auerbach, R.P., Klein, D.N., & **Hajcak, G.** (2016). Depression Risk and Electrocortical Reactivity during Self-Referential Emotional Processing in 8 to 14 Year-Old Girls. *Journal of Abnormal Psychology*, 125(5), 607-619.
210. Belden, A., Irvin, K., **Hajcak, G.**, Kappenman, E., Kelly, D., Karlow, S., Luby, J., & Barch, D. (2016). Neural correlates of reward processing in depressed and healthy young children. *Journal of the American Academy of Child and Adolescent Psychiatry*, 55(12), 1081-1089.
209. Weinberg, A., Perlman, G., Kotov, R., & **Hajcak, G.** (2016). Depression and reduced neural response to emotional images: Distinction from anxiety, and importance of symptom dimensions and age of onset. *Journal of Abnormal Psychology*, 125(1), 26-39.
208. Patrick, C.P., & **Hajcak, G.** (2016). Reshaping Clinical Science: Introduction to the Special Issue on Psychophysiology and the NIMH Research Domain Criteria (RDoC) Initiative. *Psychophysiology*, 53, 281-285.
207. Kujawa, A., **Hajcak, G.**, Danzig, A.P., Black, S.R., Bromet, E.J., Carlson, G.A., Kotov, R., & Klein, D.N. (2016). Neural Reactivity to Emotional Stimuli Prospectively Predicts the Impact of a Natural Disaster on Psychiatric Symptoms in Children. *Biological Psychiatry*, 80(1), 381-389.

206. Weinberg, A., Meyer, A., Hale-Rude, E., Perlman, G., Kotov, R., Klein, D.N., & **Hajcak, G.** (2016) Error-related negativity and sustained threat: Conceptual framework and empirical evaluation in an adolescent sample. *Psychophysiology*, *53*, 372-385.
205. Jackson, F., Nelson, B.D., & **Hajcak, G.** (2016). The Uncertainty of Errors: Intolerance of Uncertainty is Associated with Error-Related Brain Activity. *Biological Psychology*, *113*, 52-58.
204. Kessel, E.M., Meyer, A., **Hajcak, G.**, Dougherty, L.R., Torpey-Newman, D.C., Carlson, G.A., & Klein, D.N. (2016). Transdiagnostic Factors and Pathways to Multifinality: The Error-Related Negativity Distinguishes Developmental Trajectories from Preschool Irritability to Internalizing and Externalizing Symptoms at Age 9. *Development and Psychopathology*, *28(4)*, 913-926.
203. Ferri, J., Schmidt, J., **Hajcak, G.**, & Canli, T. (2016). Emotion regulation and amygdala-precuneus connectivity: Focusing on attentional deployment. *Cognitive, Affective, and Behavioral Neuroscience*, *16(6)*, 991-1002.
202. Gibb, B.E., Pollack, S.D., **Hajcak, G.**, & Owens, M. (2016). Attentional biases in children of depressed mothers: An ERP study. *Journal of Abnormal Psychology*, *125(8)*, 1166-1178.
201. Kujawa, A., Weinberg, A., Bunford, N., Fitzgerald, K.D., Hanna, G.L., Monk, C.S., Kennedy, A.E., Klumpp, H., **Hajcak, G.**, & Phan, K.L. (2016). Error-Related Brain Activity in Youth and Young Adults Before and After Treatment for Generalized or Social Anxiety Disorder. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, *71(3)*, 162-168.
200. Sussman, T., Szekely, A., **Hajcak, G.**, & Mohanty, A. (2016). It's all in the anticipation: How perception of threat is enhanced in anxiety. *Emotion*, *16(3)*, 320-327.
199. Patrick, C.P., & **Hajcak, G.** (2016). RDoC: Translating promise into progress. *Psychophysiology*, *53(3)*, 415-424.
198. Kotov, R., Foti, D., Li, K., Bromet, E. J., **Hajcak, G.**, & Ruggero, C. J. (2016). Validating dimensions of psychosis symptomatology: Neural correlates and 20-year outcomes. *Journal of Abnormal Psychology*, *125(8)*, 1103-1119.
197. DeDora, D., Cha, J., Nedic, S., Ide, J., Greenberg, T., **Hajcak, G.**, & Mujica-Parodi, L. (2016). Clinically anxious individuals show disrupted feedback between inferior frontal gyrus and prefrontal-limbic control circuit. *Journal of Neuroscience*, *36(17)*, 4708-4718.
196. Fitzgerald, J.M., MacNamara, A., DiGangi, J.A., Kennedy, A.E., Rabinak, C.A., Patwell, R., Greenstein, J.E., Proescher, E., Rauch, S.A.M., **Hajcak, G.**, & Phan, K.L. (2016). An Electro cortical Investigation of Voluntary Emotion Regulation in Combat-Related Posttraumatic Stress Disorder. *Psychiatry Research: Neuroimaging*, *249(30)*, 113-121.
195. Pagliaccio, D., Luking, K.R., Anokhin, A.P., Gotlib, I.H., Hayden, E.P., Olino, T.M., Peng, C., **Hajcak, G.**, & Barch, D.M. (2016). Revising the BIS/BAS to study development:

Measurement invariance and normative effects of age and sex from childhood through adulthood. *Psychological Assessment*, 28(4), 429-442.

194. Foti, D., Perlman, G., **Hajcak, G.**, Mohanty, A., Jackson, F., & Kotov, R. (2016). Impaired error processing in late-phase psychosis: Four-year stability and relationships with negative symptoms. *Schizophrenia Research*, 176(2-3), 520-526.

193. 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.

192. Gorka, S.M., MacNamara, A., Aase, D., Proscher, E., Greenstein, J., Walters, R., Passi, H., Babione, J.M., Levy, D.M., Kennedy, A.E., DiGangi, J.A., Rabinak, C., Schroth, C., Afshar, K., Fitzgerald, J., **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.

191. Horan, W.P., Wynn, J.K., **Hajcak, G.**, Altshuler, L., & Green, M.F. (2016). Distinct Patterns of Dysfunctional Appetitive and Aversive Motivation in Bipolar Disorder Versus Schizophrenia: An Event Related Potential Study. *Journal of Abnormal Psychology*, 125(4), 576-587.

190. **Hajcak, G.**, Jackson, F., Ferri, J., & Weinberg, A. (2016). Emotion and attention. In L.F. Barrett, M. Lewis, & J.M. Haviland-Jones (Eds.), *Handbook of Emotions (4th Ed.)* (pp. 595-609). New York, NY: Guilford Publications.

189. Chin, B., Nelson, B.D., Jackson, F., & **Hajcak, G.** (2016). Intolerance of Uncertainty and Startle Potentiation in Relation to Different Threat Reinforcement Rates. *International Journal of Psychophysiology*, 99, 79-84.

188. Nelson, B. D., Kessel, E. M., Jackson, F., & **Hajcak, G.** (2016). The impact of an unpredictable context and intolerance of uncertainty on the electrocortical response to monetary gains and losses. *Cognitive, Affective, & Behavioral Neuroscience*, 16(1), 153-163.

187. Kessel, E.M., Dougherty, L., Kujawa, A.J., **Hajcak, G.**, Carlson, G., & Klein, D.N. (2016). Longitudinal associations between preschool disruptive mood dysregulation disorder symptoms and neural reactivity to monetary reward during preadolescence. *Journal of Child and Adolescent Psychopharmacology*, 26(2), 131-137.

186. **Hajcak, G.**, & Patrick, C.P. (2015). Situating Psychophysiological Science within the Research Domain Criteria (RDoC) Framework. *International Journal of Psychophysiology*, *98*(2), 223-226.
185. Weinberg, A., Liu, H., **Hajcak, G.**, & Shankman, S.A. (2015). Blunted neural response to rewards as a vulnerability factor for depression: Results from a family study. *Journal of Abnormal Psychology*, *124*(4), 878-889.
184. Nelson, B., Jackson, F., Amir, N., & **Hajcak, G.** (2015). Single-session attention bias modification and error-related brain activity. *Cognitive, Affective, & Behavioral Neuroscience*, *15*(4), 776-786.
183. Klein, D.N., & **Hajcak, G.** (2015). Heterogeneity of depression: Clinical considerations and psychophysiological measures. *Psychological Inquiry*, *26*(3), 247-252.
182. Perlman, G., Foti, D., Jackson, F., Kotov, R., Constantino, E., & **Hajcak, G.** (2015). Clinical significance of auditory target P300 subcomponents in psychosis: Differential diagnosis, Symptom Profiles, and Course. *Schizophrenia Research*, *165*(2-3), 145-151.
181. Kappenman, E.S., Macnamara, A., & **Proudfit, G. H.** (2015). Electrocortical evidence for rapid allocation of attention to threat in the dot-probe task. *Social, Cognitive, and Affective Neuroscience*, *10*(4), 577-583.
180. Kujawa, A.J., Glenn, C.R., **Hajcak, G.**, & Klein, D.N. (2015). Affective modulation of the startle response among children at high and low risk for anxiety disorders. *Psychological Medicine*, *45*(12), 2647-2656.
179. Speed, B. C., Nelson, B. D., Perlman, G., Klein, D.N., Kotov, R., & **Hajcak, G.** (2015). Personality and emotional processing: A relationship between extraversion and the late positive potential in adolescence. *Psychophysiology*, *52*(8), 1039-1047.
178. Nelson, B.D., Perlman, G., **Hajcak, G.**, Klein, D.N., & Kotov, R. (2015). Familial risk for distress and fear disorders and emotional reactivity in adolescence: An event-related potential investigation. *Psychological Medicine*, *45*(12), 2545-2556.
177. Bress, J., Meyer, A., & **Proudfit, G.H.** (2015). The Stability of the Feedback Negativity and Its Relationship with Depression During Childhood and Adolescence. *Development and Psychopathology*, *27*(4), 1285-1294.
176. Nelson, B.D., Weinberg, A., Pawluk, J., Gawlowska, M., & **Proudfit, G.H.** (2015). An Event-related potential Investigation of Fear Generalization and Intolerance of Uncertainty. *Behavior Therapy*, *46*(5), 661-670.
175. Kessel, E.M., Kujawa, A.J., **Proudfit, G.H.**, & Klein, D.N. (2015). Neural Reactivity to Monetary Rewards and Losses Differentiate Social from Generalized Anxiety in Children. *Journal of Child Psychology and Psychiatry*, *56*(7), 792-800.

174. Moholy, M., Prause, N., **Proudfit, G.H.**, Rahman, A., & Fong, T., (2015). Sexual desire, not hypersexuality, predicts self-regulation of sexual arousal. *Cognition and Emotion*, 29(8), 1505-1516.
173. Meyer, A., **Hajcak, G.**, Torpey-Newman, D.C., Kujawa, A., & Klein, D.N. (2015). Enhanced error-related brain activity in children predicts the onset of anxiety disorders between the ages of 6 and 9. *Journal of Abnormal Psychology*, 124(2), 266-274.
172. Kujawa, A., **Proudfit, G.H.**, Laptook, R., & Klein, D.N. (2015). Early Parenting Moderates the Association between Parental Depression and Neural Reactivity to Rewards and Losses in Offspring. *Clinical Psychological Science*, 3(4), 503-515.
171. Meyer, A., **Proudfit, G.H.**, Bufferd, S.J., Kujawa, A.J., Laptook, R.S., Torpey, D.C., & Klein, D.N. (2015). Self-reported and observed punitive parenting prospectively predicts increased error-related negativity in six-year-old children. *Journal of Abnormal Child Psychology*, 43, 821-829.
170. **Proudfit, G.H.** (2015). The reward positivity: From basic research on reward to a biomarker for depression. *Psychophysiology*, 52(4), 449-459.
169. Weinberg, A., Venables, N., **Proudfit, G.H.**, & Patrick, C. (2015). Heritability of the neural response to emotional pictures: Evidence from ERPs in an adult twin sample. *Social, Cognitive, and Affective Neuroscience*, 10(3), 424-434.
168. Weinberg, A., Kotov, R., & **Proudfit, G.H.** (2015). Neural indicators of error processing in Generalized Anxiety Disorder, Obsessive-Compulsive Disorder, and Major Depressive Disorder. *Journal of Abnormal Psychology*, 124(1), 172-185.
167. **Proudfit, G.H.**, Bress, J.N., 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.
166. Jackson, F., Nelson, B., & **Proudfit, G.H.** (2015). In an uncertain world, errors are more aversive: Evidence from the error-related negativity. *Emotion*, 15(1), 12-16.
165. Kujawa, A., **Proudfit, G.H.**, Dyson, M., Olino, T., & Klein, D.N. (2015). Neural reactivity to monetary rewards and losses in childhood: Longitudinal and concurrent associations with observed and self-reported positive emotionality. *Biological Psychology*, 104, 41-47.
164. Auerbach, R.P., Stanton, C.H., **Proudfit, G.H.** & Pizzagalli, D.A. (2015). Self-referential processing in depressed adolescents: A high-density ERP study. *Journal of Abnormal Psychology*, 124(2), 233-245.

163. Foti, D., Weinberg, A., Bernat, E., & **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.
162. Nelson, B.,D., **Hajcak, G.**, & Shankman, S.A. (2015). Event-related potentials to acoustic startle probes during anticipation of predictable and unpredictable threat. *Psychophysiology*, 52(7), 887-894.
161. Nelson, B., Hodges, A., **Hajcak, G.**, & Shankman, S.A. (2015). Anxiety Sensitivity and the Anticipation of Predictable and Unpredictable Threat: Evidence from the Startle Response and Event-Related Potentials. *Journal of Anxiety Disorders*, 33, 62-71.
160. Tabak, N.T., Green, M.F., Wynn, J.K., **Proudfit, G.H.**, Altshuler, L., & Horan, W.P. (2015). Perceived emotional intelligence is impaired and associated with poor community functioning in schizophrenia and bipolar disorder. *Schizophrenia Research*, 162(1-3), 189-195.
159. Parvaz, M.A., Konova, A.B., Dunning, J.P., **Proudfit, G.H.**, Malaker, P., Moeller, S.J., Maloney, T., Woicik, P.A., Alia-Klein, N., Goldstein, R.Z. (2015). Impaired neural response to negative prediction errors in cocaine addiction. *Journal of Neuroscience*, 35(5), 1872-1879.
158. Dunning, J.P., & **Hajcak, G.** (2015) Gradients of fear potentiated startle during generalization, extinction, and extinction recall—and their relations with worry. *Behavior Therapy*, 46(5), 640-651.
157. Gable, P.A., Adams, D.L., & **Proudfit, G.H.** (2015). Transient Tasks and Enduring Emotions: The Impact of Affective content, Task-Relevance, and Picture Duration on the Sustained Late Positive Potential. *Cognitive, Affective, and Behavioral Neuroscience*, 15, 45-54.
156. Ferri, J., & **Hajcak, G.**, (2015). Neural mechanisms associated with reappraisal and attentional deployment. *Current Opinion in Psychology*, 3, 17-21.
155. Parvaz, M., Moeller, S.J., Goldstein, R.Z., & **Proudfit, G.H.** (2015). Electrocortical evidence of increased post-reappraisal neural reactivity and its link to depressive symptoms. *Social, Cognitive, and Affective Neuroscience*, 10(1), 78-84.
154. Bress, J., Meyer, A., & **Hajcak, G.** (2015). Differentiating anxiety and depression in children and adolescents: Evidence from event-related brain potentials. *The Journal of Clinical Child and Adolescent Psychology*, 44(2), 238-249.
153. Carlson, J.M., Depetro, E., Maxwell, J., Harmon-Jones, E., & **Hajcak, G.** (2015) Gender moderates the association between dorsal medial prefrontal cortex volume and depressive symptoms in a subclinical sample. *Psychiatric Research: NeuroImaging*, 233(2), 285-288.
152. Prause, N., Steele, V.R., Staley, C., Sabatinelli, D., & **Proudfit, G.H.** (2015). Modulation of late positive potentials by sexual images in problem users and controls inconsistent with “porn addiction”. *Biological Psychology*, 109, 192-199.

2014

151. Foti, D., Carlson, J.M., Sauder, C.L., & **Proudfit, G.H.** (2014). Reward dysfunction in major depression: Multimodal neuroimaging evidence for refining the melancholic phenotype. *NeuroImage*, *101*, 50-58.
150. 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.
149. Kappenman, E.S., Farrens, J.L., Luck, S.J., & **Proudfit, G.H.** (2014). Behavioral and ERP measures of attentional bias to threat in the dot-probe task: Poor reliability and lack of a correlation with anxiety. *Frontiers in Psychology: Personality and Social Psychology*, *5*, 1368
148. Carlson, J.M., Cha, J., Harmon-Jones, E., Mujica-Parodi, L.R., & **Hajcak, G.** (2014). Influence of the BDNF genotype on amygdalo-prefrontal white matter microstructure is linked to nonconscious attention bias to threat. *Cerebral Cortex*, *24*(9), 2249-2257.
147. Meyer, A., Bress, J., & **Proudfit, G.H.** (2014). Psychometric Properties of the Error-Related Negativity in Children and Adolescents. *Psychophysiology*, *51*(7), 602-610.
146. Jackson, F., Foti, D., Kotov, R., Perlman, G., Mathalon, D., & **Proudfit, G.H.** (2014). An incongruent reality: The N400 in relation to psychosis and recovery. *Schizophrenia Research*, *160*, 208-215.
145. Kujawa, A., Arfer, K.B., Klein, D.N., & **Proudfit, G.H.** (2014). Electrocortical reactivity to social feedback in youth: A pilot study of the Island Getaway Task. *Developmental Cognitive Neuroscience*, *10*, 140-147.
144. Carlson, J.M., Foti, D., Harmon-Jones, E., & **Proudfit, G.H.** (2014). Midbrain volume predicts fMRI and ERP measures of reward reactivity. *Brain Structure and Function*, *220*(3), 1861-1866.
143. Hilgard, J., Weinberg, A., Bartholow, B.D., & **Proudfit, G.H.** (2014). The Negativity bias in affective picture processing depends on top-down and bottom-up motivational significance. *Emotion*, *14*(5), 940-949.
142. Ferri, J., Bress, J.N., Eaton, N.R., & **Proudfit, G.H.** (2014). The impact of puberty and social anxiety on amygdala activation to faces in adolescence. *Developmental Neuroscience*, *36*(3-4), 239-249.
141. Kujawa, A., **Proudfit, G.H.** & Klein, D.N. (2014). Neural Reactivity to Rewards and Losses in Offspring of Mothers and Fathers with Histories of Depressive and Anxiety Disorders. *Journal of Abnormal Psychology*, *123*(2), 287-297.

140. Tracy, J.L., Klonsky, E.D., & **Proudfit, G.H.** (2014). How affective science can inform clinical science: An introduction to the special issue. *Clinical Psychological Science*, 2(4), 371-386.
139. Weinberg, A., Riesel, & **Proudfit, G.H.** (2014). Show me the money: The impact of actual rewards and losses on the feedback negativity. *Brain and Cognition*, 87, 134-139.
138. Cha, J., Greenberg, T., Carlson, J., DeDora, D., **Hajcak, G.**, & Mujica-Parodi, L. (2014). Circuit-wide structural and functional measures predict ventromedial prefrontal cortex fear generalization: Implications for generalized anxiety disorder. *Journal of Neuroscience*, 34(11), 4043-4053.
137. Cha, J., Greenberg, T., Carlson, J., DeDora, D., **Hajcak, G.**, & Mujica-Parodi, L. (2014). Hyper-reactive human ventral tegmental area and aberrant mesocorticolimbic connectivity in overgeneralization of fear in generalized anxiety disorder. *Journal of Neuroscience*, 34(17), 5855-5860.
136. Nelson, B.D., **Proudfit, G.H.**, & Shankman, S.A. (2014). Intolerance of uncertainty mediates reduced reward anticipation in major depressive disorder. *Journal of Affective Disorders*, 158, 108-113.
135. 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), 1-19.

2013

134. **Proudfit, G.H.**, Dunning, J., Foti, D., & Weinberg, A. (2013) Temporal dynamics of emotion regulation. In J.J. Gross (Ed.), *Handbook of Emotion Regulation (2nd Edition)*; pp. 43-57). New York: Guilford Publications.
133. **Proudfit, G.H.**, Inzlicht, M., & Mennin, D. (2013). Anxiety and error monitoring: The importance of motivation and emotion. *Frontiers in Human Neuroscience*, 7, Article 636, 1-4.
132. Meyer, A., **Hajcak, G.**, Torpey, D.C., Kujawa, A., Kim, J., Bufferd, S., Carlson, G., & Klein, D.N. (2013). Increased error-related brain activity in six- year-old children with clinical anxiety. *Journal of Abnormal Child Psychology*, 41, 1257-1266.
131. Meyer, A., Riesel, A., & **Proudfit, G.H.** (2013). Reliability of the ERN across multiple tasks as a function of increasing errors. *Psychophysiology*, 50(12), 1220-1225.
130. Foti, D., Kotov, R., & **Hajcak, G.** (2013). Psychometric considerations in using error-related brain activity as a biomarker in psychotic disorders. *Journal of Abnormal Psychology*, 122(2), 520-531.

129. Bress, J.N., Foti, D., Kotov, R., Klein, D.N., & **Hajcak, G.** (2013). Blunted neural response to rewards prospectively predicts depression in adolescent girls. *Psychophysiology*, *50*, 74-81.
128. Kujawa, A., Klein, D.N., & **Proudfit, G.H.** (2013). Two-year stability of the late positive potential across middle childhood and early adolescence. *Biological Psychology*, *94*(2), 290-296.
127. Ferri, J., Schmidt, J., **Hajcak, G.**, & Canli, T. (2013). Neural correlates of attentional deployment within unpleasant pictures. *NeuroImage*, *70*, 268-277.
126. Bress, J., & **Hajcak, G.** (2013). Self-report and behavioral measures of reward sensitivity predict the feedback negativity. *Psychophysiology*, *50*(7), 610-616.
125. Riesel, A., Weinberg, A., Endrass, T., Meyer, A., & **Hajcak, G.** (2013). Is the ERN, the ERN, the ERN? Convergent validity of error-related brain activity across different tasks. *Biological Psychology*, *93*(3), 377-385.
124. Sauder, C.L., **Hajcak, G.**, Angstadt, M., & Phan, K.L. (2013). Test-Retest Reliability of Amygdala Response to Emotional Faces. *Psychophysiology*, *50*(11), 1147-1156.
123. Torpey, D.C., **Hajcak, G.**, Kim, J., Kujawa, A., Dyson, M.W., Olino, T.M., & Klein, D.N. (2013). Error-related brain activity in young children: Associations with parental anxiety and child temperamental negative emotionality. *Journal of Child Psychology and Psychiatry*, *54*(8), 854-862.
122. Horan, W.P., **Hajcak, G.**, Wynn, J., & Green, M.F. (2013). Impaired emotion regulation in schizophrenia: Evidence from event-related potentials. *Psychological Medicine*, *43*(11), 2377-2391.
121. Rabinak, C.A., Angstadt, M., Kennedy, A.E., **Hajcak, G.**, & Phan, K.L. (2013). Neural response to errors in combat-exposed returning veterans with and without posttraumatic stress disorder: A preliminary event-related potential study. *Psychiatry Research: Neuroimaging*, *213*(1), 71-78.
120. Wheaton, M.G., Holman, A., Rabinak, C.A., MacNamara, A., & **Proudfit, 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.
119. Weinberg, A., Ferri, J., & **Hajcak, G.** (2013) Interactions between attention and emotion: Insights from the late positive potential. In M. Robinson, E. Watkins & E. Harmon-Jones (Eds.), *Handbook of Cognition and Emotion*. New York: Guilford Publications. pp. 35-54.
118. **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.

117. Kujawa, A., Smith, E., Luhmann, C., & **Hajcak, G.** (2013). The feedback negativity reflects favorable compared to non-favorable outcomes based on global, not local, alternatives. *Psychophysiology*, *50*, 134-138.
116. Greenberg, T., Carlson, J.M., Cha, J., **Hajcak, G.**, & Mujica-Parodi, L.R. (2013). Neural reactivity tracks fear generalization gradients. *Biological Psychology*, *92(1)*, 2-8.
115. Dunning, J.P., DelDonno, S., & **Hajcak, G.** (2013). The Effects of contextual threat and anxiety on affective startle modulation. *Biological Psychology*, *94*, 130-135.
114. Greenberg, T., Carlson, J.M., Cha, J., **Hajcak, G.**, & Mujica-Parodi, L.R. (2013). Ventromedial prefrontal cortex reactivity is altered in generalized anxiety disorder during fear generalization. *Depression and Anxiety*, *30(3)*, 242-250.
113. Kujawa, A., Weinberg, A., **Hajcak, G.**, & Klein, D.N. (2013). Differentiating event-related potentials sensitive to emotion in middle childhood: Evidence from temporal-spatial PCA. *Developmental Psychobiology*, *55(5)*, 539-550.
112. Smith, E., Weinberg, A., Moran, T., & **Hajcak, G.** (2013). Electrocortical responses to NIMSTIM facial expressions of emotion. *International Journal of Psychophysiology*, *88(1)*, 17-25.
111. Riesel, A., Weinberg, A., Moran, T., & **Hajcak, G.** (2013). Time course of error-potentiated startle and its relationship to error-related brain activity. *Journal of Psychophysiology*, *27(2)*, 51-59.
110. Bismark, A.,W., **Hajcak, G.**, Whitworth, N.M., & Allen, J.J.B. (2013). The role of outcome expectations in the generation of the feedback-related negativity. *Psychophysiology*, *50*, 125-133.
109. 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* (pp. 215-243). New York: Psychology Press.
108. Moskowitz, L., Mulder, E., Walsh, C., McLaughlin, D.M., Zarccone, J., **Proudfit, G.H.**, & Carr, E.G. (2013). A Multimethod Assessment of Anxiety and Problem Behavior in Children with Autism Spectrum Disorders and Intellectual Disability. *American Journal on Intellectual and Developmental Disabilities*, *118(6)*, 419-434.

2012

107. **Hajcak, G.** (2012). What we've learned from our mistakes: Insights from error-related brain activity. *Current Directions in Psychological Science*, *21(2)*, 101-106.

106. Foti, D., Kotov, R., Bromet, E., & **Hajcak, G.** (2012). Beyond the broken error-related negativity: Functional and diagnostic correlates of error processing in psychosis. *Biological Psychiatry*, *71*, 864-872.
105. Weinberg, A., Klein, D.N., & **Hajcak, G.** (2012). Increased error-related brain activity distinguishes Generalized Anxiety Disorder with and without comorbid Major Depressive Disorder. *Journal of Abnormal Psychology*, *121*(4), 885-896.
104. Thiruchselvam, R., **Hajcak, G.**, & Gross, J.J. (2012). Looking inwards: Shifting attention within working memory representations alters emotional responses. *Psychological Science*, *23*(12), 1461-1466.
103. Riesel, A., Weinberg, A., Endrass, T. Kathmann, N., & **Hajcak, G.** (2012). Punishment has a lasting impact on error-related brain activity. *Psychophysiology*, *49*(2), 239-247.
102. **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.
101. Bress, J.N., Smith, E., Foti, D., Klein, D.N., & **Hajcak, G.**, (2012). Neural response to reward and depressive symptoms in late childhood to early adolescence. *Biological Psychology*, *89*, 156-162.
100. MacNamara, A., Schmidt, J., Zelinsky, G., & **Hajcak, G.** (2012). Electro cortical and ocular indices of attention to fearful and neutral faces presented under high and low working memory load. *Biological Psychology*, *91*(3), 349-356.
99. Foti, D. & **Hajcak, G.** (2012). Genetic variation in dopamine moderates neural response during reward anticipation and delivery: Evidence from event-related potentials. *Psychophysiology*, *49*(5), 617-626.
98. Meyer, A., Weinberg, A., Klein, D.N., & **Hajcak, G.**, (2012). The development of the error-related negativity (ERN) and its relationship with anxiety: Evidence from 8 to 13 year-olds. *Developmental Cognitive Neuroscience*, *2*, 152-161.
97. Weinberg, A., Luhmann, C.C., Bress, J.N., & **Hajcak, G.** (2012). Better late than never? The effect of feedback delay on ERP indices of reward processing. *Cognitive, Affective, and Behavioral Neuroscience*, *12*(4), 671-677.
96. Kujawa, K., **Hajcak, G.**, Torpey, D.C., Kim, J., & Klein, D.N. (2012). Electro cortical reactivity to emotional faces in young children and associations with maternal and paternal depression. *The Journal of Child Psychology and Psychiatry*, *53*(2), 207-215.
95. Parvaz, M.A., MacNamara, A., Goldstein, R.Z., & **Hajcak, G.** (2012). Event-related frontal alpha as a marker of lateral prefrontal activation during cognitive reappraisal. *Cognitive, Affective, and Behavioral Neuroscience*, *12*, 730-740.

94. Moeller, S.J., **Hajcak, G.**, Volkow, N.D., & Goldstein, R.Z. (2012). Psychophysiological prediction of choice: Relevance to insight and drug addiction. *Brain*, *135*(11), 3481-3494.
93. Foti, D., Kotov, R., Klein, D.N., & **Hajcak, G.** (2012). Abnormal neural sensitivity to monetary gain versus loss among adolescents at risk for depression. *Journal of Abnormal Child Psychology*, *39*(7), 913-924.
92. Kujawa, A., Klein, D. N., & **Hajcak, G.** (2012). Electrocortical reactivity to emotional images and faces from middle childhood to early adolescence. *Developmental Cognitive Neuroscience*, *2*(4), 458-467.
91. Ferri, J., Weinberg, A., & **Hajcak, G.** (2012). I see people: The presence of human faces impacts the processing of complex emotional stimuli. *Social Neuroscience*, *7*(4), 436-443.
90. Meyer, A., Klein, D.N., Torpey, D.C., Kujawa, A.J., Hayden, E.P., Sheikh, H.I., Singh, S.M., & **Hajcak, G.** (2012). Additive effects of the dopamine D2 receptor (*DRD2*) and dopamine transporter (*DAT1*) gene on the error-related negativity (ERN) in young children. *Genes, Brain, and Behavior*, *11*(6), 695-703.
89. Glenn, C.R., Klein, D.N., Lissek, S., Britton, J.C., Pine, D.S., & **Hajcak, G.** (2012). The development of fear learning and generalization in 8 to 13 year-olds. *Developmental Psychobiology*, *54*, 675-684.
88. Glenn, C.R., Lieberman, L., & **Hajcak, G.** (2012). Comparing Electrical Shock and a Screaming Fearful Face as Unconditioned Stimuli for Fear Learning. *International Journal of Psychophysiology*, *86*, 214-219.
87. Weinberg, A., Riesel, A., & **Hajcak, G.** (2012). Integrating multiple perspectives on error-related brain activity: the ERN as a neural indicator of trait defensive reactivity. *Motivation and Emotion*, *36*, 84-100.
86. Horan, W.P., Foti, D., **Hajcak, G.**, Wynn, J.K., & Green, M.F. (2012). Intact motivated attention in Schizophrenia: Evidence from event-related potentials. *Schizophrenia Research*, *135*(1-3), 95-99.
85. Horan, W.P., Foti, D., **Hajcak, G.**, Wynn, J.K., & Green, M.F. (2012). Impaired neural response to internal but not external feedback in Schizophrenia. *Psychological Medicine*, *42*(8), 1637-1647.
84. Weinberg, A., Hilgard, J., Bartholow, B., & **Hajcak, G.** (2012). Emotional targets: Evaluative categorization as a function of context and content. *International Journal of Psychophysiology*, *84*(2), 149-154.

83. Torpey, D.C., **Hajcak, G.**, Kim, J., Kujawa, A., & Klein, D.N. (2012). Electroocortical and behavioral measures of response monitoring in young children during a Go/No-go task. *Developmental Psychobiology*, *54*(2), 139-150.
82. Rubin, D., Botanov, Y., **Hajcak, G.**, & Mujica-Parodi, L.R. (2012) Second-hand stress: Inhalation of stress sweat enhances neural response to neutral faces. *Social, Cognitive, and Affective Neuroscience*, *7*(2), 208-212.
81. Carlson, J.M., Beacher, F. Reinke, K., Haibb, R., Harmon-Jones, E., Mujica-Parodi, L.R., & **Hajcak, G.** (2012). Nonconscious attention bias to threat is correlated with anterior cingulate cortex gray matter volume: A voxel-based morphometry result and replication. *NeuroImage*, *59*, 1713-1718.
80. de Rover, M., Brown, S.B.R., Boot, N., **Hajcak, G.**, van Noorden, M.S., van der Wee, N.J.A., & Nieuwenhuis, S.N. (2012). Beta receptor-mediated modulation of the late positive potential. *Psychopharmacology*, *219*, 971-979.
79. Olvet, D.M., & **Hajcak, G.** (2012). The error-related negativity (ERN) relates to sadness following mood induction among individuals with high neuroticism. *Social Cognitive and Affective Neuroscience*, *7*(3), 289-295.
78. Wu, L., Winkler, M.H., Andreatta, M., Hajcak, G., Pauli, P. (2012). Appraisal frames of pleasant and unpleasant pictures alter emotional responses as reflected in self-report and facial electromyographic activity. *International Journal of Psychophysiology*, *85*(2), 224-229.
77. Carlson, J.M., Mujica-Parodi, L.R., Harmon-Jones, E. & **Hajcak, G.** (2012). The orienting of spatial attention to backward masked fearful faces is associated with variation in the serotonin transporter gene. *Emotion*, *12*(2), 203-207.
76. Davila, J., & **Hajcak, G.** (2012). From fractionation to integration: Problems and possible alternatives for clinical science training. *The Behavior Therapist*, *35*(1), 1-4.

2011

75. Foti, D., Weinberg, A., Dien, J., & **Hajcak, G.** (2011). Event-related potential activity in the basal ganglia differentiates rewards from non-rewards: Temporospatial principal components analysis and source localization of the Feedback Negativity. *Human Brain Mapping*, *32*(12), 2207-2216.
74. 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.
73. Weinberg, A., & **Hajcak, G.** (2011). The late positive potential predicts subsequent interference with target processing. *Journal of Cognitive Neuroscience*, *23*(10), 2994-3007.

72. Carlson, J.M., Foti, D., Mujica-Parodi, L.R., Harmon-Jones, E. & **Hajcak, G.** (2011). Ventral striatal and medial prefrontal BOLD activation is correlated with reward-related electrocortical activity: A combined ERP and fMRI study. *NeuroImage*, *57*, 1608-1616.
71. Weinberg, A., & **Hajcak, G.** (2011). Electrocortical evidence for vigilance then avoidance in Generalized Anxiety Disorder: An event-related potential study. *Psychophysiology*, *48*(6), 842-851.
70. MacNamara, A., Ferri, J., & **Hajcak, G.** (2011). Working memory load reduces the late positive potential and this effect is attenuated with increasing anxiety. *Cognitive, Affective, and Behavioral Neuroscience*, *11*(3), 321-331.
69. Weinberg, A., & **Hajcak, G.** (2011). Longer-term test-retest reliability of error-related brain activity. *Psychophysiology*, *48*(10), 1420-1425.
68. Kujawa, A.J., Torpey, D., Kim, J., **Hajcak, G.**, Rose, S., Gotlib, I., & Klein, D.N. (2011). Attentional Biases for Emotional Faces in Young Children of Mothers with Chronic or Recurrent Depression. *Journal of Abnormal Child Psychology*, *39*, 125-135.
67. Glenn, C.R., Blumenthal, T.D., Klonsky, E.D., & **Hajcak, G.** (2011). Emotional reactivity in nonsuicidal self-injury: Divergence between self-report and startle measures. *International Journal of Psychophysiology*, *80*, 166 - 170.
66. Dunning, J.P., **Hajcak, G.**, Parvaz, M.A., Maloney, T., Alia-Klein, N., Woicik, P.A., Telang, F., Wang, G.-J., Volkow, N.D., & Goldstein, R.Z. (2011). Motivated Attention to Cocaine and Emotional Cues in Abstinent and Current Cocaine Users: An ERP Study. *European Journal of Neuroscience*, *33*(9), 1716-1723.
65. Luhmann, C.C., Ishida, K., & **Hajcak, G.** (2011). Intolerance of uncertainty and decisions about delayed, probabilistic rewards. *Behavior Therapy*, *42*(3), 378-386.
64. MacNamara, A., Ochsner, K.N. & **Hajcak, G.** (2011). Previously reappraised: the lasting effect of description type on picture-elicited electrocortical activity. *Social, Cognitive, and Affective Neuroscience*, *6*(3), 348-358.
63. Wheatley, T., Weinberg, A., Looser, C., Moran, T., & **Hajcak, G.** (2011). Mind perception: Real but not artificial faces sustain neural activity beyond the N170/VPP. *PLoS ONE*, *6*(3), e17960.
62. Grasso, D.J., Cohen, L.H., Moser, J.S., Hajcak, G., Foa, E.B., & Simons, R.F. (2011). Seeing the silver lining: Potential benefits of trauma-exposure in college students. *Anxiety, Stress, & Coping*, *18*, 1-20.

61. Weinberg, A., & **Hajcak, G.** (2010). Increased error-related brain activity in Generalized Anxiety Disorder. *Biological Psychology*, *85*, 472-480.
60. Olvet, D.M., Hatchwell, E., & **Hajcak, G.** (2010). Lack of association between 5-HTT genetic polymorphisms and error-related brain activity. *Biological Psychology*, *85*, 504-508.
59. Weinberg, A., & **Hajcak, G.** (2010). Beyond good and evil: Implications of examining electrocortical activity elicited by specific picture content. *Emotion*, *10*(6), 767-782.
58. **Hajcak, G.**, Anderson, B., Arana, A., Borckardt, J., Takacs, I., George, M.S., & Nahas, Z. (2010). Dorsolateral prefrontal cortex stimulation modulates electrocortical measures of visual attention: Evidence from direct bilateral epidural cortical stimulation in treatment-resistant mood disorder. *Neuroscience*, *170*, 281-288.
57. Olvet, D.M., Klein, D.N., & **Hajcak, G.** (2010). Depression symptom severity and error-related brain activity. *Psychiatry Research*, *179*, 30-37.
56. Foti, D., Olvet, D.M., Klein, D.N., & **Hajcak, G.** (2010). Reduced electrocortical response to threatening faces in major depressive disorder. *Depression and Anxiety*, *27*, 813-820.
55. MacNamara, A., & **Hajcak, G.** (2010). Distinct electrocortical and behavioral evidence for increased attention to threat in Generalized Anxiety Disorder. *Depression and Anxiety*, *27*, 234-243.
54. **Hajcak, G.**, MacNamara, A., & Olvet, D.M. (2010). Event-related potentials, emotion, and emotion regulation: An integrative review. *Developmental Neuropsychology*, *35*, 129-155.
53. Blechert, J., Feige, B., **Hajcak, G.**, & Tuschen-Caffier B (2010). To eat or not to eat: Availability of food modulates the electrocortical response to food pictures in restrained eaters. *Appetite*, *54*, 262-268.
52. Foti, D., & **Hajcak, G.** (2010). State sadness reduces neural sensitivity to non-rewards versus rewards. *Neuroreport*, *21*, 143-147.
51. Dunning, J.P, Auiemmo, A., Castille, C., & **Hajcak, G.** (2010). In the face of anger: Startle modulation to graded facial expressions. *Psychophysiology*, *47*, 874-878.
50. van Loon, A.M., van den Wildenberg, W.P.M., van Stegeren, A.H., **Hajcak, G.**, & Ridderinkhof, K.R. (2010). Emotional stimuli modulate readiness for action: A transcranial magnetic stimulation study. *Cognitive, Affective, and Behavioral Neuroscience*, *10*, 174-181.
- 2009**
49. MacNamara, A., & **Hajcak, G.** (2009). Anxiety and spatial attention moderate the electrocortical response to aversive pictures. *Neuropsychologia*, *47*, 2975-2980.

48. Olvet, D.M., & **Hajcak, G.** (2009). The effect of trial-to-trial feedback on the error-related negativity and its relationship with anxiety. *Cognitive, Affective, and Behavioral Neuroscience*, 9(4), 427-433.
47. MacNamara, A., Foti, D., & **Hajcak, G.** (2009). Tell me about it: Neural activity elicited by emotional stimuli and preceding descriptions. *Emotion*, 9(4), 531-543.
46. Olvet, D.M., & **Hajcak, G.** (2009). Reliability of error-related brain activity. *Brain Research*, 1284, 89-99.
45. Olvet, D.M., & **Hajcak, G.** (2009). The stability of error-related brain activity with increasing trials. *Psychophysiology*, 46(5), 957-961.
44. Dennis, T.A., & **Hajcak, G.** (2009). The late positive potential: A neurophysiological marker for emotion regulation in children. *The Journal of Child Psychology and Psychiatry*, 50, 1373-1383.
43. **Hajcak, G.**, Castille, C., Olvet, D.M., Dunning, J.P., Roohi, J., & Hatchwell, E. (2009). Genetic variation in brain-derived neurotrophic factor (*BDNF*) and human fear conditioning. *Genes, Brain and Behavior*, 8, 80-85.
42. **Hajcak, G.**, Dunning, J.P., & Foti, D. (2009). Motivated and controlled attention to emotion: Time-course of the late positive potential. *Clinical Neurophysiology*, 120, 505-510.
41. Foti, D., **Hajcak, G.**, & Dien, J. (2009). Differentiating neural responses to emotional pictures: Evidence from temporal-spatial PCA. *Psychophysiology*, 46, 521-530.
40. Foti, D., & **Hajcak, G.** (2009). Depression and reduced sensitivity to non-rewards versus rewards: Evidence from event-related potentials. *Biological Psychology*, 81, 1-8.
39. **Hajcak, G.**, & Dennis, T.A. (2009). Brain potentials during affective picture viewing in children. *Biological Psychology*, 80, 333-338.
38. Dunning, J.P., & **Hajcak, G.** (2009). See no evil: Directed visual attention modulates the electrocortical response to unpleasant images. *Psychophysiology*, 46(1), 28-33.
37. Weinberg, A., Klonsky, E.D., & **Hajcak, G.** (2009). Autonomic impairment in Borderline Personality Disorder: A laboratory investigation. *Brain and Cognition*, 71, 279-286.
36. Moeller, S.J., Maloney, T., Parvaz, M.A., Dunning, J.P., Alia-Klein, N., Woicik, P.A., **Hajcak, G.**, Telang, F., Wang, G.J., Volkow, N.D., & Goldstein, R.Z. (2009). Enhanced choice for viewing cocaine pictures in cocaine addiction. *Biological Psychiatry*, 26, 169-176.
35. Torpey, D.C., **Hajcak, G.**, & Klein, D.N. (2009). An examination of error-related brain activity in and its modulation by error value in young children. *Developmental Neuropsychology*, 34(6), 749-761.

2008

34. Foti, D., & **Hajcak, G.** (2008). Deconstructing reappraisal: Descriptions preceding arousing pictures modulate the subsequent neural response. *Journal of Cognitive Neuroscience*, *20*, 977-988.
33. **Hajcak, G.**, Franklin, M.E., Foa, E.B., & Simons, R.F. (2008). Increased error-related brain activity in pediatric OCD before and after treatment. *The American Journal of Psychiatry*, *165*, 116-123.
32. **Hajcak, G.**, & Foti, D. (2008). Errors are aversive: Defensive motivation and the error-related negativity. *Psychological Science*, *19*(2), 103-108.
31. Olvet, D.M., & **Hajcak, G.** (2008). The error-related negativity (ERN) and psychopathology: Toward an endophenotype. *Clinical Psychology Review*, *28*, 1343-1354.
30. **Hajcak, G.**, & Olvet, D.M. (2008). The persistence of attention to emotion: Brain potentials during and after picture presentation. *Emotion*, *8*(2), 250-255.
29. **Hajcak, G.**, & Simons, R.F. (2008). Oops!...I did it again: An ERP and behavioral investigation of double-errors. *Brain and Cognition*, *68*, 15-21.
28. Moser, J.S., **Hajcak, G.**, Huppert, J.D., Foa, E.B., & Simons, R.F. (2008). Interpretation Biases in Social Anxiety as Detected by Event-Related Brain Potentials. *Emotion*, *8*(5), 693-700.

2007

27. **Hajcak, G.**, Molnar, C., George, M.S., Bolger, K., & Nahas, Z. (2007). Emotion facilitates action: A transcranial magnetic stimulation study of motor cortex excitability during picture-viewing. *Psychophysiology*, *44*, 91-97.
26. **Hajcak, G.**, Dunning, J.P., & Foti, D. (2007). Neural response to emotional pictures is unaffected by concurrent task difficulty: An event-related potential study. *Behavioral Neuroscience*, *121*(6), 1156-1162.
25. **Hajcak, G.**, Moser, J.S., Holroyd, C.B., & Simons, R.F. (2007). It's worse than you thought: The feedback negativity and violations of reward prediction in gambling tasks. *Psychophysiology*, *44*, 905-912.
24. Dunning, J.P. & **Hajcak, G.** (2007). Error-related negativities elicited by monetary loss and cues that predict loss. *NeuroReport*, *18*, 1875-1878.
23. Nieuwenhuis, S.T., Schweitzer, T.S., Mars, R.B., & Botvinick, M.M., & **Hajcak, G.** (2007). Error-likelihood prediction in the medial frontal cortex: A critical evaluation. *Cerebral Cortex*, *17*, 1570-1581.

22. *Moser, J.S., ***Hajcak, G.**, Simons, R.F., & Foa, E.B. (2007). Posttraumatic Stress Disorder symptoms in trauma-exposed college students: The role of negative cognitions, gender, and negative affect. *Journal of Anxiety Disorders*, *21*, 1039-1049.

21. Huppert, J.D., Walther, M.R., **Hajcak, G.**, Yadin, E., Foa, E.B., Simpson, H.B., & Liebowitz, M.R. (2007). The OCI-R: Validation of subscales in a clinical sample. *Journal of Anxiety Disorders*, *21*, 394-406.

2006

20. **Hajcak, G.**, & Nieuwenhuis, S.T. (2006). Reappraisal modulates the electrocortical response to negative pictures. *Cognitive, Affective, and Behavioral Neuroscience*, *6*, 291-297.

19. **Hajcak, G.**, Moser, J.S., & Simons, R.F. (2006). Attending to affect: Appraisal strategies modulate the electrocortical response to arousing pictures. *Emotion*, *6*, 517-522.

18. **Hajcak, G.**, Moser, J.S., Holroyd, C.B., & Simons, R.F. (2006). The feedback-related negativity reflects the binary evaluation of good versus bad outcomes. *Biological Psychology*, *71*, 148-154.

17. **Hajcak, G.**, Huppert, J.D., & Foa, E.B. (2006). Obsessive-compulsive disorder. In Fisher, J.E. & O'Donohue, W.T. (Eds.) *Practitioner's Guide to Evidence Based Psychotherapy*. New York: Springer, pp. 453-460.

16. **Hajcak, G.**, Franklin, M.E., Simons, R.F., & Keuthen, N.J. (2006). Hairpulling and skin picking in relation to affective distress and obsessive-compulsive symptoms. *Journal of Psychopathology and Behavioral Assessment*, *28*, 177-185.

15. Moser, J.S., **Hajcak, G.**, Bukay, E., & Simons, R.F. (2006). Intentional regulation of emotional responding to unpleasant pictures: An ERP study. *Psychophysiology*, *43*, 292-296.

14. Holroyd, C.B., **Hajcak, G.**, & Larsen, J. T. (2006). The good, the bad and the neutral: Electrophysiological responses to feedback stimuli. *Brain Research*, *1105*, 93-101.

2005

13. **Hajcak, G.**, Moser, J.S., Yeung, N., & Simons, R.F. (2005). On the ERN and the significance of errors. *Psychophysiology*, *42*, 151-160.

12. Moser, J.S., **Hajcak, G.**, & Simons, R.F. (2005). The effects of fear on performance monitoring and attentional allocation. *Psychophysiology*, *42*, 261-268.

11. **Hajcak, G.**, Nieuwenhuis, S., Ridderinkhof, K.R., & Simons, R.F. (2005). Error-preceding brain activity: Robustness, temporal dynamics, and boundary conditions. *Biological Psychology*, *70*, 67-78.

10. **Hajcak, G.**, Holroyd, C.B., Moser, J.S., & Simons, R.F. (2005). Brain potentials associated with expected and unexpected good and bad outcomes. *Psychophysiology*, *42*, 161-170.

9. Nieuwenhuis, S., Nielen, M., Mol, N., **Hajcak, G.**, & Veltman, D. (2005). Performance monitoring in obsessive-compulsive disorder. *Psychiatry Research, 134*(2), 111-121.

8. Huppert, J.D., Moser, J.S., Gershuny, B., Riggs, D.S., Spokas, M., Filip, J., **Hajcak, G.**, Parker, H., Baer, L., & Foa, E.B. (2005). The relationship between obsessive-compulsive and posttraumatic stress symptoms in clinical and non-clinical samples. *Journal of Anxiety Disorders, 19*, 127-136.

2004

7. **Hajcak, G.**, McDonald, N., & Simons, R.F. (2004). Error-related psychophysiology and negative affect. *Brain and Cognition, 56*, 189-197.

6. **Hajcak, G.**, Huppert, J.D., Simons, R.F., & Foa, E.B. (2004). Psychometric properties of the OCI-R in a college sample. *Behavior Research and Therapy, 42*, 115-123.

5. **Hajcak, G.**, Vidal, F. & Simons, R.F. (2004). Difficulties with easy tasks: ERN/Ne and stimulus component overlap. M. Ullsperger & M. Falkenstein (eds.) *Errors, Conflicts, and the Brain: Current Opinions on Performance Monitoring*. Leipzig: MPI of Cognitive Neuroscience, pp. 204-211.

2003

4. **Hajcak, G.**, McDonald, N., & Simons, R.F. (2003a). To err is autonomic: error-related brain potentials, ANS activity, and post-error compensatory behavior. *Psychophysiology, 40*, 895-903.

3. **Hajcak, G.**, McDonald, N., & Simons, R.F. (2003b). Anxiety and error-related brain activity. *Biological Psychology, 64*, 77-90.

2002

2. **Hajcak, G.** & Simons, R.F. (2002). Error-related brain activity in obsessive-compulsive undergraduates. *Psychiatry Research, 110*, 63-72.

1. Foa, E.B., Huppert, J.D., Leiberg, S., Langner, R., Kichic, R, **Hajcak, G.**, & Salkovskis, P. (2002) The Obsessive-Compulsive Inventory: Development and Validation of a Short Version. *Psychological Assessment, 10*, 206-214.

RESEARCH SUPERVISION

Doctor students supervised

CLINICAL ASSESSMENT AND TREATMENT EXPERIENCE

Director, Stony Brook University Anxiety Disorders Clinic (September 2007-present).

The Anxiety Disorders Clinic provides assessment and short-term exposure-based therapy for the full-range of anxiety disorders in both adults and children. The Anxiety Disorders Clinic is a

specialty training clinic housed within the Psychological Center at Stony Brook University in the Department of Psychology. The Anxiety Disorders Clinic is supported in part through a Centers of Excellence grant from the National Institute of Mental Health.

Psychology Intern, Medical University of South Carolina (August 2005-July 2006).

Rotations include the National Crime Victims Center and Veterans Administration Hospital working with patients with Post-Traumatic Stress Disorder, the Counseling and Psychological Services Center providing assessment and individual therapy for a range of disorders, and the Weight Management Center implementing cognitive behavioral treatment for obesity (40-50 hours/week total).

Therapist, Center for the Treatment and Study of Anxiety, University of Pennsylvania (September 2003-June 2005).

Independent evaluator for NIMH grant "CBT augmentation of SRI pharmacotherapy for OCD" (1-3 assessments/week). Assessment of anxiety disorders and impulse-control disorders for outpatient anxiety disorders clinic (2 intake assessments/week). Individual psychotherapy with adult and pediatric clients with anxiety disorders (full range) and impulse-control disorders (trichotillomania, skin picking, vocal and motor tics; caseload of 2-4 clients). 30+ hours/week total (combined with research). Clinical Supervisors: Martin E. Franklin, Ph.D., Jonathan D. Huppert, Ph.D., Deborah Roth-Ledley, Ph.D., David Riggs, Ph.D., Edna B. Foa, Ph.D.

Psychology Practicum Student, Center for the Treatment and Study of Anxiety, University of Pennsylvania (September 2001-August 2003).

Trained in the assessment of anxiety disorders and trichotillomania, including administration of structured interviews (SCID, MINI, ADIS, PSSI, Y-BOCS, LSAS) and self-report measures (BDI, HRSD, HRSA, DASS, OCI, PDS, PDSS, PSWQ). Trained in exposure-based therapies for PTSD, panic disorder, OCD, specific phobias, and GAD. Individual psychotherapy with adult clients (OCD, PTSD, panic disorder, specific phobia, GAD, and trichotillomania) and pediatric clients (OCD, trichotillomania). 20 hours/week. Clinical Supervisors: Jonathan D. Huppert, Ph.D., Edna B. Foa, Ph.D., Martin E. Franklin, Ph.D., Elizabeth A. Hembree, Ph.D.

Summer Extern, A.I. DuPont Hospital for Children, ADHD/Conduct Disorder Unit, Wilmington, DE. (Summer, 2001).

Trained in the assessment of ADHD and ODD, including the administration and scoring of the parent and teacher versions of the Child Behavior Checklist, the Connors Rating Scales, and the Connors continuous performance task (II). Co-led treatment and psychoeducation groups for children and their parents, respectively (2 groups each, 5-10 children/group; 16 hours/week total). Supervisor: Doug Tynan, Ph.D.

AD HOC REVIEWING

GRANTS:

NIMH Adult Psychopathology and Disorders of Aging (APDA) Study Section

NIMH Child Psychopathology and Developmental Disabilities (CPDD) Study Section

NIMH Psychosocial Risk & Disease Prevention (PRDP) Study Section

Fellowships: Risk Prevention and Health Behavior (F11) Study Section

EDITORIAL CONSULTATION:

Archives of General Psychiatry; Behavior Research and Therapy; Behavioral Brain Research, Biological Psychiatry; Biological Psychology; Brain and Cognition; Brain Research; Child Development; Cognition; Cognitive, Affective, and Behavioral Neuroscience; Cognitive Brain Research; Cortex; Depression and Anxiety; Emotion; European Journal of Neuroscience; International Journal of Psychophysiology; Journal of Abnormal Psychology; Journal of Anxiety Disorders; Journal of Child Psychology and Psychiatry; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: Human Perception and Performance; Journal of Neurophysiology; Journal of Neuroscience; Journal of Psychopathology and Behavioral Assessment, Journal of Psychophysiology; NeuroImage; Neuropsychologia; Neuroscience Letters; Psychiatry Research; Psychological Assessment; Psychological Science; Psychophysiology; Social, Cognitive, and Affective Neuroscience.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

Association for Psychological Science (2002-present)
Anxiety Disorders Association of America (2005-present)
Association for Behavioral and Cognitive Therapy (2002-present)
Cognitive Neuroscience Society (2002-present)
Society for Psychophysiological Research (2001-present)

COURSES TAUGHT:

Introduction to Psychology (undergraduate level)
Abnormal Psychology (undergraduate level)
Fear and Anxiety (undergraduate level)
Cognition & Emotion (undergraduate level)
Cognition (undergraduate level)
Emotion (graduate level)
Emotion & Cognition (graduate level)