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## Austin J. Gallyer

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agallyer@neuro.fsu.edu • Florida State University, Department of Psychology, 1107 West Call Street,  
Tallahassee, FL 32306 • Twitter: @AGallyer

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### Education

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<b>Florida State University</b> Doctor of Philosophy: Neuroscience Major Professors: Greg Hajcak, Ph.D. & Thomas Joiner, Ph.D.	<b>Expected 2023</b>
<b>Florida State University</b> Master of Science: Clinical Psychology Major Professor: Thomas Joiner, Ph.D.	<b>2020</b>
<b>Southern Utah University</b> Bachelor of Science: Psychology (Summa Cum Laude) Honor's Thesis Advisor: Steve Barney, Ph.D. Minor: Biology	<b>2017</b>

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### Honors and Awards

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2021 – University of California-Davis/San Diego State University ERP Bootcamp Awardee  
2018 – Congress of Graduate Students Travel Award, *Florida State University*  
2018 – Graduate Research Development Travel Award, *Florida State University*  
2018 – Congress of Graduate Students Travel Award, *Florida State University*  
2017 – Outstanding Scholar Award, *Southern Utah University*  
2016 – Third Place Undergraduate Thesis Prospectus Defense, *Southern Utah University*  
2016 – Psi Chi Regional Travel Award, *Psi Chi*

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### Grants and Fellowships

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#### Completed:

##### **Integrated Clinical Neuroscience Training Grant (T32MH093311)**

Title: Virtual Suicidal Behavior and Social Exclusion: The Moderating Role of Telomere Length  
Role on Project: Trainee

##### **Undergraduate Research and Scholarship Program Grant**

Title: The prefrontal cortex and fearlessness about death: An EEG study on the neurological mechanism of the interpersonal-psychological theory of suicide.  
Role on Project: Principal Investigator  
Amount Awarded: \$300 (10/2016 – 4/2017).

#### Submitted:

##### **Ruth L. Kirschstein Predoctoral National Research Service Award (F31)**

Title: Targeting the amygdala with transcranial magnetic stimulation to alter the late positive potential.  
Role on Project: Principal Investigator  
Outcome: Unfunded (Impact Score: 36; 24<sup>th</sup> percentile).

## Manuscripts

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*Note: Underlined names indicate mentored undergraduate/post-baccalaureate students.*

### **2021:**

Burani, K., Brush, C. J., **Gallyer, A. J.**, Joiner, T. E., 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*. doi: 10.1016/j.ijpsycho.2021.10.002.

Rogers, M. L., **Gallyer, A. J.**, Dougherty, S. P., Gorday, J. Y., Nelson, J. R., Teasdale, O. D., & Joiner, T. E. (2021). Are all pain tolerance tasks the same? Convergent validity of four behavioral pain tolerance tasks, self-reported capability for suicide, and lifetime self-injurious behaviors. *Journal of Clinical Psychology*. doi: 10.1002/jclp.23283.

**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*. doi: 10.1111/psyp.13939.

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. *Stress*. doi: 10.1080/10253890.2021.1929164.

Khazem, L. R., Rufino, K.A., Rogers, M. L., **Gallyer, A. J.**, Joiner, T. E., & Anestis, J. C. (2021). Under-reporting on the MMPI-2-RF extends to extra-test measures of suicide risk. *Psychological Assessment*. doi: 10.1037/pas0001034.

Schafer, K. M., Kennedy, G., **Gallyer, A. J.**, & Resnik, P. (2021). A direct comparison of theory-driven and machine learning prediction of suicide: A meta-analysis. *PLOS ONE*. doi: 10.1371/journal.pone.0249833.

Rogers, M. L., **Gallyer, A. J.**, & Joiner, T. E. (2021). The relationship between suicide-specific rumination and suicidal intent above and beyond suicidal ideation and other suicide risk factors: A multilevel modeling approach. *Journal of Psychiatric Research*. doi: 10.1016/j.jpsychires.2021.03.031.

### **2020:**

**Gallyer, A. J.**, Chu, C., Klein, K. M., Quintana, J., Carlton, C., Dougherty, S. P., & Joiner, T. E. (2020). Routinized categorization of suicide risk into actionable strata: Establishing the validity of an existing suicide risk assessment framework in an outpatient sample. *Journal of Clinical Psychology*. doi: 10.1002/jclp.22994.

**Gallyer, A. J.**, Stanley, I. H., Day, T., & Joiner, T. E. (2020). Examining the interaction of autism spectrum disorder-related traits and unit cohesion on suicide risk among military personnel. *Journal of Affective Disorders*. doi: 10.1016/j.jad.2020.03.092.

Buchman-Schmitt, J. M., Stanley, I. H., **Gallyer, A. J.**, Chu, C., Gutierrez, P. M., Hanson, J., Joiner, T. E. (2020). Military suicide research consortium common data elements: Bifactor analysis and longitudinal predictive ability of suicidal ideation and suicide attempts within a clinical sample. *Psychological Assessment*. doi: 10.1037/pas0000817.

Stanley, I. H., Day, T. N., **Gallyer, A. J.**, Shelef, L., Kalla, C., Gutierrez, P. M., & Joiner, T. E. (2020). Autism-related traits and suicide risk among active duty U.S. military service members. *Psychological Services*. doi: 10.1037/ser0000418.

Stanley, I. H., Hom, M. A., Sachs-Ericsson, N. J., **Gallyer, A. J.**, & Joiner, T. E. (2020). A pilot randomized clinical trial of a lethal means safety intervention for young adults with firearm familiarity at risk for suicide. *Journal of Consulting and Clinical Psychology*. doi: 10.1037/ccp0000481.

Stanley, I. H., Hom, M. A., **Gallyer, A. J.**, Joiner, T. E., & Vujanovic, A. A. (2020). Urinalysis-assessed and self-reported substance use as correlates of suicide risk among acute care psychiatric inpatients. *The Journal of Nervous and Mental Disease*. doi: 10.1097/NMD.0000000000001076.

### **2019:**

Albanese, B. J., Macatee, R. J., **Gallyer, A. J.**, Stanley, I. H., Joiner, T. E., & Schmidt, N. B. (2019). Impaired conflict detection differentiates suicide attempters from ideating non-attempters: Evidence from event-related potentials. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 4(10), 902-912. doi: 10.1016/j.bpsc.2019.05.015.

Stanley, I. H., Hom, M. A., **Gallyer, A. J.**, Gray, J. S., & Joiner, T. E. (2019). Suicidal behaviors among American Indian/Alaska Native firefighters: Evidence for the role of painful and provocative events. *Transcultural Psychiatry*. doi: 10.1177/1363461519847812.

Duffy, M. E., Rogers, M. L., **Gallyer, A. J.**, & Joiner, T. E. (2019). Body trust and agitation: Pathways to suicidal thoughts and behaviors. *Archives of Suicide Research*, 1-15. doi: 10.1080/13811118.2019.1592039.

Chu, C., Hom, M. A., **Gallyer, A. J.**, Hammock, E. A. D., & Joiner, T. E. (2019). Insomnia predicts increased perceived burdensomeness and decreased desire for emotional support following an in-laboratory social exclusion paradigm. *Journal of Affective Disorders*, 243, 432-440. doi: 10.1016/j.jad.2018.09.069.

### **2018:**

Rogers, M. L., Hom, M. A., Dougherty, S. P., **Gallyer, A. J.**, & Joiner, T. E. (2018). Comparing suicide risk factors among individuals with a history of aborted, interrupted, and actual suicide attempts. *Archives of Suicide Research*. doi: 10.1080/13811118.2018.1522283.

**Gallyer, A. J.**, Dougherty, S. P., Gai, A. R., Stanley, I. H., Hom, M. A., Rogers, M. L., Duffy, M. E., Buchman-Schmitt, J. M., Spencer-Thomas, S., & Joiner, T. E. (2018). Problematic alcohol use and suicidal ideation among firefighters: A multi-study investigation of the explanatory roles of perceived burdensomeness and thwarted belongingness. *Journal of Affective Disorders*, 238, 281-288. doi: 10.1016/j.jad.2018.05.045.

Stanley, I. H., Hom, M. A., Chu, C., Dougherty, S. P., **Gallyer, A. J.**, Spencer-Thomas, S., Shelef, L., Fruchter, E., Comtois, K. A., Gutierrez, P. M., Sachs-Ericsson, N. J., & Joiner, T. E. (2018). Perceptions of belongingness and social support attenuate PTSD symptoms severity among firefighters: A multistudy investigation. *Psychological Services*. doi: 10.1037/ser0000240.

Hom, M. A., Stanley, I. H., Rogers, M. L., **Gallyer, A. J.**, Dougherty, S. P., Davis, L., & Joiner, T. E. (2018). Investigating the iatrogenic risk of repeated suicidal ideation screening: A staggered sequential study. *Journal of Affective Disorders*, 232, 139-142. doi: 10.1016/j.jad.2018.02.022.

### **Preprints Under Review:**

**Gallyer, A. J.**, Hajcak, G., & Joiner, T. E. (2021). What is capability for suicide? A review of the current evidence. *PsyArXiv*. doi: 10.31234/osf.io/xgwa5

**Gallyer, A. J.**, Burani, K., Mulligan, E. M., Santopetro, N., Dougherty, S. P., Jeon, M. E., Nelson, B. D., Joiner, T. E., & Hajcak, G. (2021). Blunted neural reward responsiveness and recent suicidal ideation in children and adolescents: Failure to replicate across two independent samples. *bioRxiv*. doi: 10.1101/2020.05.19.104208.

## Paper Presentations

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### International/National Conferences

**Gallyer, A. J.**, Santopetro, N., Gomez, M., Klawohn, J., Joiner, T. E., & Hajcak, G. (2021, October). *Are there neural differences between those with suicidal thoughts and behaviors and non-suicidal controls? An examination of the RewP, LPP, ERN, and P300 in depression* in Hajcak, G. & Joiner T. E. (co-chairs), *Suicidal thoughts, behaviors, and their relation to neural functions*. Symposium presented at the Society for Psychophysiological Research annual conference (virtual).

**Gallyer, A. J.**, Burani, K., Mulligan, E. M., Santopetro, N., Dougherty, S. P., Jeon, M. E., Nelson, B. D., Joiner, T. E., & Hajcak, G. (2021, October). *Examining blunted initial response to reward and recent suicidal ideation in children and adolescents using event-related potentials: Failure to conceptually replicate across two independent samples*. Paper presented virtually at the International Academy of Suicide Research.

**Gallyer, A. J.** (2020, November). *Suicidal thoughts, behaviors, and event-related potentials: A meta-analysis*. Paper presented virtually at the netECR annual conference.

### Regional and Local Conferences

**Gallyer, A. J.**, Santopetro, N., Gomez, M., Klawohn, J., Joiner, T. E., & Hajcak, G. (2021, April). *A bayesian analysis examining neural differences in suicidal groups using ERPs*. Data Blitz talk presented at Florida State University Department of Psychology Graduate Research Day.

## Posters

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### International/National Conferences:

**Gallyer, A. J.**, Santopetro, N., Gomez, M., Klawohn, J., Joiner, T. E., & Hajcak, G. (2021, October). *Are there neural differences between those with suicidal thoughts and behaviors and non-suicidal controls? An examination of the RewP, LPP, ERN, and P300 in depression*. Poster presented at the International Academy of Suicide Research.

**Gallyer, A. J.**, Dougherty, S. P., Burani, K., Albanese, B. J., Joiner, T. E., & Hajcak, G. (2021, October). *Suicidal thoughts, behaviors, and event-related potentials: A systematic review and meta-analysis*. Poster presented virtually at the International Academy of Suicide Research.

**Gallyer, A. J.**, Burani, K., Mulligan, E. M., Jeon, M., Dougherty, S. P., Joiner, T. E., & Hajcak, G. (2020, April). *Examining neural reward processing in children and adolescents with recent suicidal ideation*. Cancelled due to COVID-19. Poster was to be presented at the annual meeting of the American Association of Suicidology, Portland, OR, USA.

Khazem, L. R., Rufino, K. A., Rogers, M. L., **Gallyer, A. J.**, Joiner, T. E. & Anestis, J. C. (2020, April). *Possible underreporting on the MMPI-2-RF and its implications for suicide risk assessment: Findings from inpatient and outpatient settings*. Cancelled due to COVID-19. Poster was to be presented at the annual meeting of the North American Society for the Study of Personality Disorders Conference, Pittsburgh, PA, USA.

**Gallyer, A. J.**, Stanley, I. H., Day, T. N., & Joiner, T. E. (2020, April). *Examining the influence of autism symptoms and unit cohesion on suicide risk among military personnel*. Cancelled due to COVID-19. Poster was to be presented at the annual meeting of the American Association of Suicidology, Portland, OR, USA.

**Gallyer, A. J.,** Dieciuc, M. A., Vicari-Epstein, V., & Joiner, T. E. (2019, October). *Implicit suicidal cognitions: An examination of a new approach to the death implicit association test (D-IAT)*. Poster presented at the International Academy of Suicide Research, Miami, FL, USA.

**Gallyer, A. J.,** Burani, K., Ryan, J., Jordan, C., Joiner, T. E., & Hajcak, G. (2019, September). *Cold off the press: Neural response to rewards is blunted during an acute stressor*. Poster presented at the Society for Psychophysiological Research, Washington, DC, USA.

Stanley, I. H., Day, T. N., **Gallyer, A. J.**, & Joiner, T. E. (2019, August). *Autism symptoms and suicide risk among active duty U.S. military service members*. Poster presented at the Military Health System Research Symposium (MHSRS), Kissimmee, FL, USA.

**Gallyer, A. J.,** Stanley, I. H., Day, T. N., & Joiner, T. E. (2019, August). *Examining the influence of autism symptoms and unit cohesion on suicide risk among military personnel*. Poster presented at the Military Health System Research Symposium (MHSRS), Kissimmee, FL, USA.

Buchman-Schmitt, J. M., Stanley, I. H., **Gallyer, A. J.**, Chu, C., Gutierrez, P. M., Hanson, J., & Joiner, T. E. (2019, April). *Military suicide research consortium common data elements: Factor analysis and longitudinal predictive ability of suicide-related outcomes within a clinical sample*. Paper presented at the annual meeting of the American Association of Suicidology, Denver, CO, USA.

Ryan, J., **Gallyer, A. J.**, Franklin, J. C., Ribeiro, J. D., Meyer, A., & Hajcak, G. (2018, October). *Potentiation of the late positive potential through evaluative conditioning*. Poster presented at the Society for Psychophysiological Research, Quebec City, QC, CA.

Dougherty, S. P., **Gallyer, A. J.**, & Joiner, T. E. (2018, April). *Suicide attitude malleability: An experimental approach*. Poster presented at the annual meeting of the American Association of Suicidology, Washington, DC, USA.

Stanley, I. H., Hom, M. A., **Gallyer, A. J.**, & Joiner, T. E. (2018, April). *Suicidal behaviors among Native American and Alaska Native firefighters: Evidence for the role of painful and provocative events*. Poster presented at the annual meeting of the American Association of Suicidology, Washington, DC, USA.

### **Regional and Local Conferences:**

Ferguson, S., Scott, Z., **Gallyer, A. J.**, & Joiner, T. E. (2020, April). *Implicit suicidal cognitions: An examination of a new approach to the death implicit association test*. Poster presented at the Florida State University Undergraduate Research Symposium.

Stanley, I. H., Hom, M. A., Sachs-Ericsson, N. J., **Gallyer, A. J.**, & Joiner, T. E. (2019, October). *Lethal means safety counseling for young adults with firearm familiarity at risk for suicide: A randomized clinical trial*. Poster to be presented at the Washington State Psychological Association, Bellevue, WA, USA.

Lebhar, N. A., **Gallyer, A. J.**, Stanley, I. H., Hom, M. A., & Joiner, T. E. (2019, April). *Does retirement from fire service correlate with suicidal ideation?* Poster presented at Florida State University Department of Psychology Undergraduate Research Day, Tallahassee, FL, USA.

**Gallyer, A. J.**, Hom, M. A., Stanley, I. H., & Joiner, T. E. (2019, April). *Psychopathology among firefighters: An exploratory network analysis*. Poster presented at Florida State University Department of Psychology Graduate Research Day, Tallahassee, FL, USA.

Campos, A., Duffy, M. E., **Gallyer, A. J.**, & Joiner, T. E. (2019, April). *The effect of mortality salience on physiological arousal*. Poster presented at the Florida State University Undergraduate Research Symposium, Tallahassee, FL, USA.

Wagler, K., **Gallyer, A. J.**, & Joiner, T. E. (2019, March). *Parental attachment, intolerance of uncertainty, and the error-related negativity: Three proposed risk factors for college student ideation*. Poster presented at the ACC Meeting of the Minds, Louisville, KY, USA.

Sinsko, K. A., Goodman, J. A., **Gallyer, A. J.**, & Joiner, T. E. (2019, February). *The explanatory role of suicide-specific rumination between emotional reactivity and suicidal ideation*. Poster presented at the Florida Undergraduate Research Conference, Jacksonville, FL, USA.

Wagler, K., **Gallyer, A. J.**, & Joiner, T. E. (2019, February). *Parental attachment, intolerance of uncertainty, and the error-related negativity: Three proposed risk factors for college student ideation*. Poster presented at the Florida Undergraduate Research Conference, Jacksonville, FL, USA.

**Gallyer, A. J.**, Barney, S. T., & White, L. H. (2017, April). *The prefrontal cortex and fearlessness about death: An EEG study on the interpersonal-psychological theory of suicide*. Poster presented at the Rocky Mountain Psychological Association Conference, Salt Lake City, UT, USA.

Pillitteri, P. J., **Gallyer, A. J.**, & George, L. J. (2017, April). *ADHD, OCD, and favorite video game genre*. Poster presented at the Rocky Mountain Psychological Association Conference, Salt Lake City, UT, USA.

White, L. H., Barney, S. T., **Gallyer, A. J.**, Blair, D. A., Shumway, S., Brenchley, A., . . . & Elliott, D. (2016, April). *Transcranial electrical stimulation: Effect on symptoms of traumatic stress and autonomic nervous system activity*. Poster presented at the Rocky Mountain Psychological Association Conference, Denver, CO, USA.

**Gallyer, A. J.**, Post, R., Sims, W., & Wilkinson, J. (2015, April). *Literature review of genetic treatments for breast cancer*. Poster presented at the Festival of Excellence at Southern Utah University, Cedar City, UT, USA.

## **Teaching Experience**

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### **Graduate**

2022 – Design and Analysis II/Regression Lab, *Florida State University*

2021 – Meta-Analysis (Teaching Assistant), *Florida State University*

2021 – Advanced Structural Equation Modeling (Teaching Assistant), *Florida State University*

### **Undergraduate**

2021 – Physiological Psychology Lab, *Florida State University*

## Professional Service and Affiliations

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### Ad Hoc Reviewer:

Neuroscience and Biobehavioral Reviews  
 Suicide & Life-Threatening Behavior  
 Psychophysiology  
 Brain and Behavior  
 Journal of Psychiatry and Neuroscience  
 Frontiers in Psychiatry

Journal of Affective Disorders  
 Child and Adolescent Psychiatry and Mental Health  
 Meta-Psychology  
 Journal of Nervous and Mental Disease  
 BMC Psychology  
 Research in Autism Spectrum Disorders  
 Preventive Medicine Reports

### Professional Affiliations:

Society for Neuroscience  
 Association for Psychological Science  
 Society for Psychophysiological Research

## Clinical Experience

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**On-Call Clinician, Research-Related Suicide Risk Assessments** **2017 – Present**  
*Laboratory for the Study and Prevention of Suicide-Related Conditions and Behaviors*  
 Supervisor: Thomas Joiner, Ph.D.

**Neuropsychology Trainee** **2019 – 2020**  
*Tallahassee Memorial Hospital Memory Disorders Clinical*  
 Supervisor: Ailyn Penate, Psy.D.

**Dialectical Behavioral Therapy Skills Group Leader** **2019 – 2020**  
*Florida State University Psychology Clinic*  
 Supervisors: Therese Kemper, Ph.D.; Jessica Ribeiro, Ph.D.

**Psychological Therapist Trainee** **2018 – 2020**  
*Florida State University Psychology Clinic*  
 Supervisors: Christina Riccardi, Ph.D.; Therese Kemper, Ph.D.; Thomas Joiner, Ph.D.; Jessica Ribeiro, Ph.D.