

# Keanan J. Joyner, MS

## Curriculum Vitae

Current as of: 8-8-19

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### Education

*PhD Candidate* Clinical Psychology, Florida State University, Tallahassee, FL (*expected 2023*)

*Advisor:* Christopher J. Patrick, PhD

MS 2018 Clinical Psychology, Florida State University, Tallahassee, FL

BA 2015 Psychology, University of Memphis, Memphis, TN

### Professional Affiliations

American Psychological Association

- Division 50 – Society of Addiction Psychology

Society for Psychophysiological Research

Association for Psychological Science

American Association for the Advancement of Science

### Honors and Awards

- 2019 University of Florida Center for Addiction Research and Education (CARE)  
Outstanding Graduate Student Poster Award
- 2019 University of California-Davis/San Diego State University ERP Bootcamp awardee
- 2018 Research Training Fellowship Award (\$2,400)
- Awarding Institution: *Society for Psychophysiological Research*
- 2018 - 2021 Ford Foundation Predoctoral Fellow (\$72,000 over 3 years)
- Awarding Institution: *National Academy of Sciences, Engineering, and Medicine*
- 2018 National Institute of Health Integrated Clinical Neuroscience Training for  
Translational Research (T32MH093311-05; PIs: Pamela Keel, PhD, Lisa Eckel,  
PhD) - *Deferred*
- Role Awarded: *Trainee*
  - *Declined – Ford Fellowship prohibited concurrent tenure*
- 2017 Mechanisms of Behavior Change Research Society on Alcoholism Travel Award
- Amount: \$1,000, Awarding Institution: *NIAAA (U13AA024013)*

- 2015 Phi Kappa Phi Graduate Fellowship (\$5,000)  
 2015 - 2021 Legacy Fellowship, FSU Graduate School (\$50,000 over 5 years)  
 2015 NCAA Ethnic Minority Program Postgraduate Scholarship (\$7,500)  
 2015 The American Athletic Conference Commissioner's Award (\$5,000)  
 2015 Summa cum Laude, University of Memphis  
 2015 Milton C. Addington Award (top graduating psychology senior; \$1,350.00)  
 2015 Honors Program Director's Award (highest academic achievement university wide)  
 2015 Phi Kappa Phi Honor Society  
 2014 Research Travel Awards – APA, ABCT 2014
- Awarding Institutions: *NIAAA* (\$750.00) and the *University of Memphis* (\$1140.00)
- 2013 - 2015 Psi Chi Psychology Honor Society  
 2011 - 2015 University of Memphis Presidential Scholarship Recipient  
 2011 - 2015 Dean's List  
 2011 - 2013 Tiger Academic 30 (top 30 overall GPAs among all student athletes)

## ***Research Funding***

### ***CURRENT/ACTIVE***

- 11/18 – 10/20 American Psychological Foundation/Council of Graduate Departments of Psychology (APF/COGDOP) Graduate Student Research Scholarship  
*The Competition between Substance-related versus Substance-free Reward Sensitivity: An EEG Study*  
 Role: PI  
 Total costs: \$2,000

### ***PENDING***

- 09/19 – 08/21 National Institute on Drug Abuse, Research Grant (R36 DA050049)  
*Between versus Within-Subject Models of the Protective Effect of Substance-Free Reward on Alcohol, Nicotine, and Marijuana Use and Problems.*  
 Role: PI  
 Total direct costs: \$100,000 [Revising; first submission impact score = 35]

### ***COMPLETED***

- 05/14 – 8/14 Helen Hardin Honors Summer Research Fellowship, Research Fellowship, University of Memphis  
*A randomized controlled trial of response inhibition training for implicit approach towards alcohol to reduce behavioral economic demand for alcohol.*  
 Role: PI  
 Total costs: \$4,200

### ***NOT FUNDED***

- 12/17 National Institute on Alcohol Abuse and Alcoholism, Research Grant (F31 AA026185-01)

*Biobehavioral Differentiation of General versus Specific Liabilities for Alcohol Problems.*

Role: PI

***Publications (reverse chronological order)***

8. Bowyer, C. B., **Joyner, K.J.**, Yancey, J.R., Venables, N.C., Hajcak, G., & Patrick, C.J. (*in press*). Toward a neurobehavioral trait conceptualization of depression proneness. *Psychophysiology*.  
<https://onlinelibrary.wiley.com/doi/full/10.1111/psyp.13367>
7. **Joyner, K. J.**, Bowyer, C.B., Yancey, J. R., Venables, N.C., Foell, J., Hajcak, G., Worthy, D., Bartholow, B., & Patrick, C. J. (*in press*). Blunted reward sensitivity and trait disinhibition interact to predict substance use problems. *Clinical Psychological Science*.  
<https://journals.sagepub.com/doi/full/10.1177/2167702619838480>
6. **Joyner, K.J.**, Acuff, S.A., Meshesha, L.Z., Patrick, C.J., & Murphy, J.G. (2018). Family history of problematic alcohol use moderates the association between substance-free reinforcement and alcohol-related problems. *Experimental and Clinical Psychopharmacology*, 26(6), 560-569.  
<http://psycnet.apa.org/fulltext/2018-42070-001.html>
5. McDermott, K.A., **Joyner, K.J.**, Hakes, J.K., Okey, S.A., & Cogle, J.R. (2018). Pain interference and alcohol, nicotine, and cannabis use disorder in a national sample of substance users. *Drug and Alcohol Dependence*, 186, 53-59.  
<https://www.sciencedirect.com/science/article/pii/S0376871618301169>
4. Acuff, S.A., Luciano, M.T., Soltis, K.E., **Joyner, K.J.**, McDevitt-Murphy, M., & Murphy, J.G. (2018). Access to environmental reward mediates the association between posttraumatic stress and alcohol-related problems and craving. *Experimental and Clinical Psychopharmacology*, 26(2), 177-185.  
<http://psycnet.apa.org/fulltext/2018-02788-001.html>
3. Patrick, C. J., Perkins, E. R., & **Joyner, K. J.**, (2017). Etiology of psychopathy. R. D. Morgan (Ed.), *The SAGE encyclopedia of criminal psychology*. New York: Sage.  
<https://us.sagepub.com/en-us/nam/the-sage-encyclopedia-of-criminal-psychology/book245428>
2. **Joyner, K. J.**, Pickover, A. M., Soltis, K. E., Dennhardt, A. A., Martens, M. P., & Murphy, J. G. (2016). Deficits in access to reward are associated with college student alcohol use disorder. *Alcoholism: Clinical and Experimental Research*, 40(12), 2685-2691.  
<https://onlinelibrary.wiley.com/doi/pdf/10.1111/acer.13255>
1. Kuhman, D. J., **Joyner, K. J.**, & Bloomer, R. (2015). Cognitive performance and subjective mood following ingestion of a theacrine-containing multi-ingredient dietary supplement, caffeine, or placebo by healthy young men and women. *Nutrients*, 7, 9618-9632.  
<https://www.mdpi.com/2072-6643/7/11/5484/htm>

## ***Manuscripts submitted or in preparation***

### **Under Review**

Edwards, A., **Joyner, K.J.**, & Schatschneider, C. (*first submission*). A Simulation Study on the Performance of Different Reliability Estimation Methods. <https://doi.org/10.31234/osf.io/xzc52>  
-Preprint: <https://psyarxiv.com/xzc52>

**Joyner, K.J.**, Yancey, J.R., Venables, N.C., Burwell, S., Iacono, W.G., & Patrick, C.J. (*requested revision*). Using a Co-Twin Control Design to Evaluate Alternative Trait Measures as Indices of Liability for Substance Use Disorders.

**Joyner, K.J.**, Meshesha, L.Z., Dennhardt, A., Borsari, B., Martens, M.P., & Murphy, J.G. (*requested revision submitted*). Sensitivity to Next-Day Contingencies as an Indicator of Weekday Drinking and Distinctly Severe Alcohol Problems: A Behavioral Economic Analysis.

Cogle, J.R., Mcdermott, K.A., Hakes, J.K., & **Joyner, K.J.** (*first submission*). Personality disorders and social support in cannabis dependence: A comparison with alcohol dependence.

### **In Preparation**

**Joyner, K. J.**, Murphy, J. G., Mackillop, J., & Lindgren, K. P. (*in prep*). A Longitudinal Analysis of the Temporal Dynamics of Alcohol Demand and Alcohol Problems.  
-Target submission date: October 2019

**Joyner, K. J.**, Daurio, A., Patrick, C. J., & Latzman, R. D. (*in prep*). The Difference Between Disinhibition and Impulsivity – And Why It Matters for Clinical Psychological Science.  
-Target submission date: September 2019

**Joyner, K. J.**, Perkins, E. R., Patrick, C. J., Hajcak, G., Schatschneider, C., the IMAGEN consortium, & Foell, J. (*in prep*). Interplay Between Trait Disinhibition and Neural Reward Sensitivity in Substance Problems: A Longitudinal Analysis.  
-Target submission date: September 2019

## ***Research Presentations and Talks***

### **Invited Colloquia**

University of Florida (2018, November). *Understanding Substance Problems through Combining Trait and Behavioral Economic Perspectives: A Spotlight on Substance-Free Reward*. Early Career Showcase for the University of Florida Center for Behavioral Economic and Health Research, Gainesville, Florida.

### **Conference Symposia**

**Joyner, K. J.** (2019, November). A more diverse field would be better – But how do we get there? In X. Huang (Chair), *Increasing Diversity in Clinical Research: Reaching New Populations and Developing Diverse Workforces*. Symposium accepted for presentation at the 2019 Association for Behavioral and Cognitive Therapies Annual Convention, Atlanta, GA.

**Joyner, K.J.**, Owens, M. M., Perkins, E. R., Venables, N. C., & Patrick, C. J. (2019, September). Extending multi-method measurement of trait disinhibition to the neuroimaging modality. In J. F. Cavanaugh (Chair), *“How can we best integrate data from multiple physiological measures to answer psychological questions of interest?” – Big Ideas Symposium Initiative*. Symposium accepted for presentation at the 2019 Society for Psychophysiological Research Annual Meeting, Washington, D.C.

Perkins, E. R., **Joyner, K. J.**, Kruzel, D. M., Jordan, C. D., Brislin, S. J., Hajcak, G., Patrick, C. J., & Foell, J. (2019, October). Callousness and stimulus intensity modulate electrocortical pain response. In J. Foell (Chair), *Psychophysiology of pain processing: Modulation by individual-difference and situational factors*. Symposium accepted for presentation at the 2019 Society for Psychophysiological Research Annual Meeting, Washington, DC.

Perkins, E. R., Foell, J., **Joyner, K. J.**, Kruzel, D. M., & Patrick, C. J. (2019, May). Abnormal pain processing and callousness: Electrocortical underpinnings. In J. Foell (Chair), *Neural and behavioral perspectives on pain processing in psychopathy*. Symposium accepted for presentation at the 2019 Biennial Meeting of the Society for the Scientific Study of Psychopathy, Las Vegas, NV.

**Joyner, K.J.**, Acuff, S.F., Meshesha, L.Z., Patrick, C.J., & Murphy, J.G. (2018, March). The Moderating Role of Family History on the Relationship between Substance-Free Rewards and Alcohol Problems. In **K.J. Joyner** (Chair), *Behavioral Economic Contributions to Understanding Substance Misuse in Different Life Stages*. Symposium at the 2018 Collaborative Perspectives on Addiction conference, Tampa, Florida.

**Joyner, K.J.** & Patrick, C.J. (2017, April). Clarifying the Interface between Depression and Substance Use Disorders via Biobehavioral Liabilities. Talk given at *FSU Psychology Graduate Research Day 2017*, Tallahassee, Florida.

**Joyner, K.J.** & Murphy, J.G. (2015, April). Controlling Demand: The Effects of Behavioral Response Inhibition on Alcohol Demand. Paper presented at the 2015 National Conference for Undergraduate Research, Spokane, Washington.

### ***Published Abstracts and Poster Presentations***

Johnson, C., **Joyner, K.J.**, & Patrick, C.J. (2019, September). *The Effect of Alcohol Intoxication on Neural Responding to Affective-Oddball Stimuli*. Poster accepted to be presented at the 2019 Society for Psychophysiological Research Annual Meeting in Washington, D.C.

**Joyner, K.J.**, Meshesha, L. Z., & Murphy, J. G. (2019, June). *Sensitivity to Next-Day Contingencies as an Indicator of Distinctly Severe Alcohol Problems: A Behavioral Economic Analysis*. Poster presented at the 2019 Research Society on Alcoholism Annual Meeting in Minneapolis, Minnesota.

Voss, M. A., Acuff, S. F., Luciano, M. T., Soltis, K. E., **Joyner, K. J.**, McDevitt-Murphy, M. E., MacKillop, J., Amlung, M., Wallace, A. L., Dennhardt, A. A., & Murphy, J. G. (2019, April). A

*behavioral economic perspective on PTSD symptoms and problematic drinking among heavy drinking young adults*. Poster presented at the 2019 Collaborative Perspectives on Addiction Annual Meeting, Providence, Rhode Island.

**Joyner, K.J.** & Patrick, C.J. (2019, April). *Parsing Liabilities versus Consequences in Substance Use Disorders using the Co-Twin Control Design*. Poster presented at the 2019 Collaborative Perspectives on Addiction Annual Meeting, Providence, Rhode Island.

Foell, J.F., **Joyner, K.J.**, Owens, M.M., Sweet, L., MacKillop, J., Nees, F., ... & Patrick, C.J. (2018, October). *Trait Disinhibition in Adolescence Predicts Later Cortical Gray Matter Volume in a Large-Scale Sample*. Poster presented at the 2018 Society for Psychophysiological Research Annual Meeting, Quebec City, Quebec, Canada.

**Joyner, K.J.**, Bartholow, B.D., Nelson, L., & Patrick, C.J. (2018, October). *Using Single-Trial Multilevel Modeling to Clarify the Effects of Alcohol on Neural Responding in an Oddball Task*. Poster presented at the 2018 Society for Psychophysiological Research Annual Meeting, Quebec City, Quebec, Canada.

Jordan, C. Kruzel, D., **Joyner, K.J.**, Perkins, E.R., Patrick, C.J., & Foell, J.F. (2018, October). *Shock-Evoked P3 is Associated with Set-Shifting Performance Under Threat*. Poster presented at the 2018 Society for Psychophysiological Research Annual Meeting, Quebec City, Quebec, Canada.

Kruzel, D., Jordan, C., Perkins, E.R., **Joyner, K.J.**, Patrick, C.J., & Foell, J.F. (2018, October). *Dispositional Callousness Moderates Early Neural Response to Pain*. Poster presented at the 2018 Society for Psychophysiological Research Annual Meeting, Quebec City, Quebec, Canada.

Roberts, K.R., Yancey, J. R., **Joyner, K.J.**, Hultstrand, K., Boot, W., & Patrick, C.J. (2018, October). *Dispositional Threat Sensitivity and Neural Processes during Task Switching in an Aversive Cuing Context*. Poster presented at the 2018 Society for Psychophysiological Research Annual Meeting, Quebec City, Quebec, Canada.

**Joyner, K.J.**, Dyal, M., Strickland, C.M., & Patrick, C.J. (2018, September). *Polysubstance Use, Internalizing, and Externalizing Psychopathology: A Neurobehavioral Trait Model Perspective*. Poster presented at the 2018 Society for Research on Psychopathology Annual Meeting, Indianapolis, IN.

**Joyner, K.J.** & Patrick, C.J. (2018, April). *Using Single-Trial Multilevel Modeling to Clarify the Effects of Alcohol on Neural Responding in an Oddball Task*. Poster presented at the 2018 University of Florida Center for Addiction Research and Education annual symposium, Gainesville, Florida.

**Joyner, K.J.**, Acuff, S.F., Meshesha, L.Z., Patrick, C.J., & Murphy, J.G. (2018, March). *The Moderating Role of Family History on the Relationship between Substance-Free Rewards and Alcohol Problems*. Poster presented at the 2018 Collaborative Perspectives on Addiction Annual Meeting, Tampa, Florida.

**Joyner, K.J.,** Venables, N.V., & Patrick, C.J. (2017, October). *Disinhibitory Liability Interacts with Stressful Life Events in Predicting Substance Use Problems*. Published Abstract, 2017 Society for Psychophysiological Research Annual Meeting, Vienna, Austria.

Bowyer, C.B., **Joyner, K.J.,** Yancey, J.R., Hajcak, G., & Patrick, C.J. (2017, October). *A Neuroclinical Assessment of Trait Liability for Depression*. Published Abstract, 2017 Society for Psychophysiological Research Annual Meeting, Vienna, Austria.

**Joyner, K.J.,** Bowyer, C.B., Yancey, J.R., Hajcak, G., & Patrick, C.J. (2017, September). *Interplay between Disinhibitory Liability and Depression Proneness in Prediction of Substance Problems*. Poster presented at the 2017 Society for Research on Psychopathology Annual Meeting, Denver, Colorado.

**Joyner, K.J.,** Bowyer, C.B., Yancey, J. R., Worthy, D., Hajcak, G., & Patrick, C.J. (2017, June). *Clarifying the Interface between Depression and Alcohol Use Disorder: A Biobehavioral Liability Perspective*. Poster presented at the 2017 Research Society on Alcoholism Annual Meeting, Denver, Colorado.

**Joyner, K.J.,** Bowyer, C.B., Yancey, J. R., Hajcak, G., & Patrick, C.J. (2016, September). *Distinct Behavioral Performance Correlates of the ERN and Pe in the Flanker Task*. Published Abstract, 2016 Society for Psychophysiological Research Annual Meeting, Minneapolis, Minnesota.

Henschel, A.V., Keating, H.A., Pickover, A.M., Teeters, J., Meshesha, L., **Joyner, K.J.,** & Murphy, J.G. (2015, November). *Emotion Regulation: Motives for Opiate Use in College Students*. Poster presented at the 2015 Association for Behavioral and Cognitive Therapies Convention, Chicago, Illinois.

Geno, A.V., **Joyner, K.J.,** & Murphy, J.G. (2015, November). *Craving as a Predictor of Change in Demand for Alcohol in Response to a Next-Day Responsibility Task among College Students*. Poster presented at the 2015 Association for Behavioral and Cognitive Therapies Convention, Chicago, Illinois.

**Joyner, K.J.,** Pickover, A.M., Henschel, A.V., Geno, A.V., & Murphy, J.G. (2015, November). *Self-Regulation as a Predictor of Change in the Demand for Alcohol Preceding a Next-Day Responsibility*. Poster presented at the 2015 Association for Behavioral and Cognitive Therapies Convention, Chicago, Illinois.

**Joyner, K.J.** & Murphy, J.G. (2014, November). *Consideration of Future Consequences as a Risk Factor for Alcohol-Related Problems*. Poster presented at the 2014 Association for Behavioral and Cognitive Therapies Convention, Philadelphia, Pennsylvania.

**Joyner, K.J.** & Murphy, J.G. (2014, August). *Consideration of Future Consequences is Associated with Drinking Problems in Heavy Drinking College Students*. Poster presented at the 2014 American Psychological Association Convention, Washington, D.C.

## ***Professional Service***

- 2019 - current Clinical Area Diversity Committee, Florida State University  
2019 - 2020 Student Committee Program Chair, Collaborative Perspectives on Addiction Meeting of the Society of Addiction Psychology  
2019 - 2020 Diversity Committee, Collaborative Perspectives on Addiction Meeting of the Society of Addiction Psychology  
2018 - 2019 Student Committee Program Member, Collaborative Perspectives on Addiction Meeting of the Society of Addiction Psychology

Ad-hoc journal reviewing (2016 to present):

- *Psychophysiology; International Journal of Psychophysiology; Journal of Abnormal Psychology; Journal of Personality Disorders*

## ***Teaching Experience***

### ***Undergraduate Courses***

- Research Design and Methodology Lab Sections
  - Fall 2016 – Spring 2018

## ***References***

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