

## UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

### Drew E. Winters, PhD.

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#### Biographical Sketch

Drew E. Winters, PhD. holds a Research Faculty appointment at the University of Colorado Anschutz Medical Campus, Department of Psychiatry. His research aims to improve mental health treatment for those elevated in antisocial phenotypes, including callous-unemotional traits, conduct problems, and psychopathy. He leverages behavioral experiments, functional magnetic resonance imaging, as well as advanced statistical models to examine how brain function changes over the lifespan and its implication in the interaction between social cognition, affect, and executive function. By seeking to identify replicable neural mechanisms that support or disrupt these processes, Dr. Winters aims to inform effective interventions for antisocial phenotypes.

#### Education

##### University

University of Colorado, Aurora, CO.	July 2023
- T32 Post-Doctoral Fellow: Developmental Psychobiology	
- Primary mentor: Dr. Joseph Sakai, M.D.	
Indiana University, Indianapolis, IN. – Ph.D.	April 2020
Indiana University, Indianapolis, IN. – MSW	May 2016
Purdue University, Fort Wayne, IN. – B.S.	May 2013

##### Certifications

Transcranial Magnetic Stimulation application - MUSC	Oct 2025
Machine Learning Using Scikit-Learn in Python – Inira	May 2022
Data Scientist in Python - DataCamp	Nov 2021
Computational Neuroscience – Neuromatch Academy	July 2021
Data Scientist in R – DataCamp	April 2020
Multilevel Modeling II Advanced Topics – EITM	Oct 2020
Network Analysis II Advanced Topics – EITM	Oct 2020
Structural Equation Modeling with Latent Variables – EITM	Oct 2018

#### Positions

##### Academic Appointments

University of Colorado SOM	Psychiatry	Associate Research Faculty	2023–Present
Indiana University	Psychology	Adjunct Professor	2023–2024
University of Colorado SOM	Psychiatry	T32 Post-Doctoral Fellow	2020–2023
University of Colorado SOM	Psychiatry	Statistician	2021–2022
University of Michigan	Statistics	Instructor	2019–2023
Indiana University	Statistics	Adjunct Professor	2017–2020
Indiana University SOM	Psychiatry	Statistician	2018–2020
Indiana University SOM	Social Work	Research Assistant	2016–2020
Indiana University	Psychology	Research Assistant	2014–2015

##### Clinical Positions

UCHealth Encompass program – Aurora, CO	Therapist	2020–2021
Family Works Inc. – Indianapolis, IN	Therapist (Home-Based)	2016–2020
Rogers behavioral health – Skokie IL	Behavioral Therapist	2015–2016
ASPIRE behavioral health – Indianapolis IN	Case Worker (Home-Based)	2013–2015

Park Center mental health – Fort Wayne, IN	Case Worker (Home-Based)	2008–2013
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### **Honors, Special Recognitions, and Awards**

American College of Neuropsychopharmacology (ACNP) Travel Funding.	2025
American College of Neuropsychopharmacology (ACNP) Travel Award. <a href="#">Link</a>	2024
Joseph and Alida Newman Award. <a href="#">Link</a>	2023
Society for the Scientific Study of Psychopathy (SSSP)	
University of Colorado, Postdoctoral Association Travel Award	2021
Multilevel Modeling II: Advanced Topics – Statistical Competence	2021
Empirical Implications of Theoretical Models	
Network Analysis II: Advanced Topics – Statistical Competence	2021
Empirical Implications of Theoretical Models	
Structural Equation Modeling with Latent Models – Statistical Competence	2018
Empirical Implications of Theoretical Models	
Developmental, Child, and Family Psychology Fellowship. <a href="#">Link</a>	2018
ICPSR Quantitative Methods of Social Research Ann Harbor, MI	
Indiana University Travel Fellow	2017–2019
Graduate Professional Student Government Fellowship	2016
Miranda Pang Endowment	2014
Phi Kappa Phi: Academic Honor Society	2013
Tau Upsilon Alpha: Human Services Academic Honor Society	2013
Hellen I. and Rodney E. Nern Scholarship	2013

### **Membership in professional organizations**

Society for the Scientific Study of Psychopathy (SSSP)	2022
Society of Clinical Child and Adolescent Psychology	2020
Society for Social Work and Research (SSWR)	2017

### **Major Committee and Service Responsibilities**

Board of Directors, National Association of Alcohol and other Drugs of Abuse Counselors, Indiana Chapter, Indianapolis, IN	2011–2018
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### **Licensure and Board Certification**

Licensed Clinical Social Worker (LCSW)	2023–Present
Licensed Social Worker (LSW)	2015–2023
Nationally Certified Addiction Counselor level two (NCAC-II)	2013–2015

### **Review and Referee Work**

#### Ad Hoc Reviewer

Progress in Neuropsychopharmacology and Biological Psychiatry	2025
Translational Psychiatry	2025
Acta Psychological	2025
Brain and Behavior	2025
Scientific Reports	2025
Communications Psychology	2025
Current Psychology	2025
Brain and Behavior Functions	2025
Neuroscience and Biobehavioral Reviews	2025
Applied Research on Children	2025
Brain Connectivity	2024
Journal of Integrative Neuroscience	2024

iScience	2024
Human Brain Mapping	2024
Cortex	2023
Brain and Behavior Functions	2023
European Child and Adolescent Psychiatry	2023
Personality and Individual Differences	2023
Translational Psychiatry	2023
Human Brain Mapping	2023
Neuroimage	2022
Emotion	2022
Journal of Drug Issues	2022
Addictive Behaviors Reports	2022
Brain Imaging and Behavior	2022
Cerebral Cortex	2021
Neuroscience Letters	2021
Psychophysiology	2021
Journal of Drug and Alcohol Dependence	2021
Journal of Juvenile Justice	2018
Journal of Child and Family Studies	2017
Mindfulness	2016

### Open-Source Software Packages

- missdat:** A python package for missing data diagnostics and estimating missing values. [GitHub](#), [Python Package Index](#), [Downloads](#): 3k, DOI: 10.17605/OSF.IO/M56RY **Role:** Author
- resmod:** A package for deriving orthogonalized interaction terms, reporting interaction analyses, and visualization of interactions. [GitHub](#), [Python Package Index](#), [Downloads](#): 12k, DOI: 10.17605/OSF.IO/PNM84 **Role:** Author
- fsub\_extractor:** A python package that ties diffusion and functional brain data together. [GitHub](#), **Role:** Contributor

### Extramural lectures, Presentations and Visiting Professorships

- Winters, D. E.**, Probabilistic Cognitive State Modeling (PCSM): Decoding Latent Cognitive Dynamics Reveals Serial and Parallel Processing in Demanding fMRI Tasks. Zurich, Switzerland. Sep 2025
- Winters, D. E.**, Spitz, J., Raymond, K., Natvig, C., Waller, R., Mikulich, S., & Sakai, J. T. *Affective theory of mind impairments linked with callous-unemotional traits implicate cognitive control*. The Society for Scientific Study of Psychopathy. New York, New York May 2025
- Winters, D.E.**, Longitudinal Analyses with Secondary Data. Indiana University, Indianapolis, IN Jan 2025
- Winters, D.E.**, Schacht, J.P., *Effects of COMT inhibition on the neural correlates of inhibitory processing among individuals with Alcohol Use Disorder*. American College of Neuropsychopharmacology, Phoenix, AZ Dec 2024
- Winters, D.E.**, *Statistical approaches to model functional brain data*. Quant Collective, Pittsburgh, PA. [Video1](#), [Video2](#) Dec 2023
- Winters, D.E.**, *Distinct functional brain patterns underlying executive and social function in adolescents with callous-unemotional traits*. EDEN lab at the University of Pennsylvania, Philadelphia, PA. August 2023

<b>Winters, D.E.</b> , Massey, S., Sakai, J. T., <i>Adolescent substance use in response to social consequences of use: The role of empathy</i> . Research Society on Alcoholism, Bellevue, WA.	June 2023
<b>Winters, D.E.</b> , Sakai, J.T., <i>Affective theory of mind impairments underlying callous-unemotional traits and the role of cognitive control</i> . Society for Scientific Study of Psychopathy. New York, New York	May 2023
<b>Winters, D.E.</b> , <i>Functional Brain Properties in Adolescents with Callous-Unemotional Traits and Potential Mechanisms</i> . Developmental Psychobiology Research Group, Denver, CO	April 2023
<b>Winters, D.E.</b> , <i>Longitudinal Data Analysis Using Secondary Data. S728 multivariate statistics</i> , Dr. Sadaaki Fukui. Indiana University School of Social Work, Indianapolis, IN.	Jan 2023
<b>Winters, D.E.</b> , Sakai, J.T., Carter, R.M., <i>Computational Lesioning of Heterogenous Functional Connectomes Explains Variance in Adolescent Callous-Unemotional Traits</i> . Neurohackadamy, University of Washington, Seattle, WA	July 2022
Sanchez, C.R., Cooley, J.L., <b>Winters, D.E.</b> , Ricker, B.T., & Fite, P.J. <i>Prospective associations between forms of aggression and peer victimization: The moderating role of prosocial behavior</i> . Biennial Research Conference on Relational Aggression, Virtual Conference.	July 2022
<b>Winters, D.E.</b> , <i>Introduction to R for medical students</i> . University of Colorado Anschutz Medical Campus, Aurora, CO. <a href="#">Video</a>	April 2022
<b>Winters, D.E.</b> , <i>Cognitive Load Sensitivity Impacts Theory of Mind Impairments in Callous-Unemotional Traits</i> . Developmental Psychobiology Research Group, Denver, CO	April 2022
<b>Winters, D.E.</b> , <i>Secondary Data Analysis, S728 Multivariate statistics</i> , Indiana University School of Social Work. <a href="#">Video</a>	Jan 2022
<b>Winters, D.E.</b> , <i>Affective Theory of Mind Impairments in Youth with Callous-Unemotional Traits: The Role of Cognitive Control</i> . American College of Neuropsychopharmacology. San Juan, PR	Dec 2021
<b>Winters, D.E.</b> , <i>Network typology of adolescents with callous-unemotional traits</i> . Department of Psychiatry Poster Session, University of Colorado Anschutz Medical Campus, Aurora, CO	March 2021
<b>Winters, D.E.</b> , <i>Adolescent Prosocial Behavior and Affective Theory of Mind: The Role of Cognitive Control and Callousness</i> . Developmental Psychobiology Research Group, Denver, CO	March 2021
<b>Winters, D.E.</b> , <i>Longitudinal Data Analysis Using Secondary Data. S728 multivariate statistics</i> , Dr. Sadaaki Fukui. Indiana University School of Social Work, Indianapolis, IN.	Jan 2021
<b>Winters, D.E.</b> , <i>Neural Connectivity of Empathy and its Impairments in Adolescents</i> . Developmental Psychobiology Research Group, Denver, CO	Oct 2020
<b>Winters, D.E.</b> , <i>Statistical Approaches of Propensity Score Matching</i> . Training the Indiana Department of Children Services data analysis and evaluation team, Indianapolis, IN.	March 2020

<b>Winters, D.E.</b> , <i>Secondary data analysis</i> . S728 multivariate statistics, Dr. Sadaaki Fukui. Indiana University School of Social Work, Indianapolis, IN.	Jan 2020
<b>Winters, D.E.</b> <i>Mindfulness and Acceptance and Commitment Therapy in Clinical Practice</i> . Advanced clinical practice, Dr. Vincent Starnino, instructor. Indiana University School of Social Work, Indianapolis, IN.	June 2017
<b>Winters, D.E.</b> <i>Mindfulness in Addictions Treatment</i> . Presentation to staff and clients at the Life Recovery Center, Indianapolis, IN.	Aug 2016
<b>Winters, D.E.</b> <i>Mindfulness in Clinician Self-Care, and Clinical Practice</i> . Presented to the staff and honor society recipients of Chi Eta Sigma for marriage and family therapist. Purdue University.	April 2016

## Teaching Record

<b>Indiana University– Adjunct Professor in Psychology</b>		
PSY-I 535 Developmental Neuroscience	Online	Spring 2024
<b>University of Michigan: Institute for Social Research ICPSR - Instructor</b>		
Multilevel Modeling I: Introduction and applications	Seminar	Summer 2023
Regression Analysis II: Linear models	Online	Summer 2020
Regression Analysis II: Linear models	Seminar	Summer 2019
<b>Indiana University– Adjunct Professor in Social Work</b>		
S728 Advanced Statistics – Statistics Lab	Seminar	Spring 2020
S718 Intermediate Statistics – Statistics Lab	Seminar	Fall 2019
S728 Advanced Statistics – Statistics Lab	Seminar	Spring 2019
S718 Intermediate Statistics – Statistics Lab	Seminar	Fall 2018
S517 Assessment in Mental Health & Addictions	Seminar	Summer 2018
<b>Indiana University School of Social Work – Teaching Assistant</b>		
S623 Practice Research Integrative Seminar	Online	Summer 2017
S623 Practice Research Integrative Seminar	Online	Spring 2017
S623 Practice Research Integrative Seminar	Seminar	Fall 2016

## Mentoring

Kia Starnino – Role: Research Mentor	2025
- I mentored Kia on a brain imaging analysis and interpretation for her proposed high-school science project.	
Women in STEM – Role: Research Mentor	2023-2025
- I mentored Loretta Tsu and Jillian King on the areas of conducting research, statistical analyses, and navigating academia.	
Juliet Spitz, B.A. – Role: Research Mentor	2023-Current
- I mentored Juliet in research recruitment, data management, statistical analyses using modern programming languages, and dissemination.	
Harshith Alele, MS. – Role: Research Mentor	2023
- I mentored Harshith in conducting research and writing manuscripts resulting in two article submissions.	
Neuromatch Academy – Role: Computational Neuroscience Mentor	2022
- I mentored a group of five participants in the computational neuroscience track on completing their capstone project.	
Gabriel Yepes, M.D. – Role: Research Mentor	2021
- I mentored Dr. Yepes on conducting research and writing manuscripts	

resulting in one research publication.

## Grant Support

### Current

National Institute of Mental Health – 1K23MH13967-01. Project title: Effects of transcranial magnetic stimulation on functional impairment underlying psychopathy of social cognition and cognitive processing. **Role:** PI 2025-2030

### Completed

University of Colorado Anschutz Gap Funding – Awaiting K23 Funding. Funding intended to provide support for NIH grants that are expected to be funded while federal policy is being worked out regarding research funding. Funding amount \$25,000 **Role:** PI 2025

Developmental Psychobiology Endowment. Project title: Cognitive control limitations amongst adolescents with callous-unemotional traits that impact the capacity for theory of mind: Evidence from a dual-task paradigm. Funding amount \$7,355 **Role:** PI 2023–2025

National Institutes of Mental Health T32MH015442-42; Laudenslager, Mark (PI), Developmental Psychopathology, Psychobiology & Behavior. **Role:** Postdoctoral Fellow 2020–2023

Developmental Psychobiology Endowment. Project title: The effects of cognitive load on prosocial behavior amongst early adolescents with high callous-unemotional traits and typically developing controls. Funding amount \$7,220 **Role:** PI 2021–2022

Indiana Department of Children Services Title IV-E Waiver A93-3-13-4F-C0-0981; Hall, Jim (PI), Pierce, Barbra (PI), Indiana University School of Medicine. **Role:** Research Analyst / Statistician 2017–2020

## Media

### Interviews

University of Colorado School of Medicine: “CU Anschutz School of Medicine Researchers Identify New Method for Treating Alcohol Use Disorder”. [Story Link](#) 2025

University of Colorado School of Medicine: “Can Science Crack the Mysteries of Addiction?” [Story Link](#) 2025

University of Colorado School of Medicine: “Studying the Connection Between Empathy and Substance Use in Adolescents”. [Story Link](#) 2024

Newswise for Research Society on Alcoholism: “Adolescents in substance-abuse treatment who develop empathy greatly reduce their use over time”. [Story Link](#) Story Shares= 88 2023

### Instructional Videos

Winters, D.E., *Statistical approaches to model functional brain data*. Quant Collective, Pittsburgh, PA. [Video](#), Views= 157 2023

**Winters, D.E.**, *Introduction to R for medical students*. University of Colorado Anschutz Medical Campus, Aurora, CO. [Video](#) Views= 31 2022

**Winters, D.E.**, *Secondary Data Analysis, S728 Multivariate statistics*, Indiana University School of Social Work. [Video](#), Views= 10 2022

## Research Features

- Biological Psychiatry: “Cognitive Neuroscience Press Release: New Study Identifies Novel Neural Pathway to Treat Alcohol Use Disorder”. [Story Link](#) 2025
- Psychology Today: “Disruptive Mood Dysregulation Disorder (Children and Adolescents)”. [Story Link](#) 2022

## Bibliography

**Open Science Legend:** \* = preregistered | + = analysis code | # = shared/open data

### Peer-Reviewed Articles (n=28)

1. **Winters, D.E.**, Sakai, J.T. (2025) Callous-Unemotional Trait Prosocial Limitations are Moderated by Cognitive Control Impacting Theory of Mind in Adolescents. *Personality and Mental Health*. 19(4), DOI: 10.1002/pmh.70037
2. \* **Winters, D. E.**, & Schacht, J. P. (2025). Effects of COMT suppression in a randomized trial on the neural correlates of inhibitory processing among people with Alcohol Use Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. DOI: 10.1016/j.bpsc.2025.06.003. ([Editor's Choice](#))
3. \*+# **Winters, D. E.**, Spitz, J., Raymond, K., Natvig, C., Waller, R., Mikulich, S., Sakai, J. T. (2025). Cognitive Control Difficulties Differentiate Callous-Unemotional Traits from Conduct Problems: A Pre-registered Double-blind Randomized Controlled Trial Analysis. *Child Psychiatry and Human Development*. DOI:10.1007/s10578-025-01869-5
4. \*+# **Winters, D. E.**, Spitz, J., Raymond, K., Natvig, C., Waller, R., Mikulich, S., & Sakai, J. T. (2025). Affective theory of mind impairments linked with callous-unemotional traits implicate cognitive control: A pre-registered double-blind randomized controlled trial with a dual-task paradigm. *Journal of Affective Disorders*. DOI: 10.1016/j.jad.2025.04.154
5. \*+# **Winters, D.E.**, Dugre J., Sakai, J.T., Carter, R.M. (2025). Executive function and underlying brain network distinctions for callous-unemotional traits and conduct problems in adolescents. *Psychiatry Research: Neuroimaging*. DOI: 10.1016/j.psychresns.2025.111971
6. \*+# Dugre J., Hopfer, C., **Winters, D.E.** (2025). The Dark Sides of the Brain: A Systematic Review and Meta-Analysis of Functional Neuroimaging Studies on Aggression. *Aggression and Violent Behavior*. DOI: 10.1016/j.avb.2025.102035
7. Sanchez, C.R., Ricker, B., **Winters, D.E.**, Fite, P.J., Cooley, J. (2024). Associations Between Forms of Aggression and Peer Victimization: Does Prosocial Behavior Matter? *Development and Psychopathology*. DOI: 10.1017/S0954579423001694
8. \*+# **Winters, D. E.**, Guha, A., Sakai, J.T. (2023). Connectome-based predictive modeling of empathy in adolescents with and without the low-prosocial emotion specifier. *Neuroscience Letters*. DOI: 10.1016/j.neulet.2023.137371
9. \*+# **Winters, D. E.**, Leopold, D. R., Sakai, J. T., & Carter, R. M. (2023). Efficiency of heterogenous functional connectomes explains variance in callous-unemotional traits after computational lesioning of cortical midline and salience regions. *Brain Connectivity*. DOI: 10.1089/brain.2022.0074
10. \*+# **Winters, D. E.**, Pettine, W. W., & Sakai, J. T. (2023). Cognitive mechanisms underlying prosocial decision making in callous-unemotional traits. *Journal of psychopathology and behavioral assessment*, 45(2), 308-321. DOI: 10.1007/s10862-023-10043-x



11. +# **Winters, D.E.**, Sakai, J.T. (2023). Affective theory of mind impairments underlying callous-unemotional traits and the role of cognitive control. *Cognition and Emotion*. DOI: 10.1080/02699931.2023.2195154
12. +# Sakai, J.T., Chintaluru, Y., **Winters, D.E.**, Raymond, K., McWilliams, S., Carter, R.M., Mikulich, S. (2023) A revised prosocial behavior game: Testing association with psychopathic traits and the effects of moral elevation using a randomized clinical trial. *PLOS One*. DOI: 10.1371/journal.pone.0283279
13. **Winters, D.E.**, Leopold, D.R., Sakai, J.T., Carter, R.M. (2023) Resting-state connectivity underlying cognitive control's association with perspective taking in callous-unemotional traits. *Psychiatry Research: Neuroimaging*. DOI: 10.1016/j.psychresns.2023.111615
14. **Winters, D.E.**, Massey, S., Sakai, J.T., (2023) Adolescent substance use outcomes in response to social consequences of use: the role of empathy. *Journal of Drug Issues*. DOI: 10.1177/00220426231159303
15. \*+# Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A.R., Karipidis, I.I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V.J., Yeatman, J.D., The Fibr Community Science Consortium (**Winters, D.E.**), Theodore D. Satterthwaite, Ariel Rokem (2022) An analysis-ready and quality-controlled resource for pediatric brain white-matter research. Scientific Data. DOI: 10.1038/s41597-022-01695-7
16. + **Winters, D.E.**, Hyde, L. W. (2022). Associated Functional Network Connectivity Between Callous-Unemotionality and both Cognitive and Affective Empathy. *Journal of Affective Disorders*. DOI: 10.1016/j.jad.2022.08.103
17. **Winters, D.E.**, Sakai, J.T. (2022) Emotion identification for self and other associated with callous-unemotional traits and sex differences in early adolescents. *Child Psychiatry & Human Development*. DOI: 10.1007/s10578-022-01429-1
18. **Winters, D.E.**, Pruitt P. J., Damoiseaux J.S, Sakai, J.T. (2021). Callous-unemotional traits in adolescents moderate neural network associations with empathy. *Psychiatry Research Neuroimaging*. DOI: 10.1016/j.psychresns.2021.111429
19. **Winters D.E.**, Sakai, J.T., Carston, R.M. (2021) Resting-state network topology characterizing callous-unemotional traits in adolescence. *Neuroimage: Clinical*. DOI: 10.1016/j.nicl.2021.102878
20. **Winters, D.E.**, Susan M., Hopfer, C., Sakai, J.T. (2021). Adolescents in Treatment for Substance Use Disorders: Callous-Unemotional Traits Moderate Associations Between Transdiagnostic Symptoms and Adolescent Suicidality. *Child Psychiatry and Human Development*. DOI: 10.1007/s10578-021-01256-w
21. **Winters D.E.**, Pruitt P. J., Fukui S., Cyders M.A., Pierce B. J., Lay K., Damoiseaux J.S. (2021). Indirect paths between functional connectivity underlying heterogenous depression symptoms in adolescents via cognitive and affective empathy. *Child Psychiatry and Human Development*. DOI: 10.1007/s10578-021-01242-2
22. **Winters, D.E.**, Pruitt P.J., Fukui, S., Cyders, M. A., Pierce, B. J., Lay, K., Damoiseaux, J. S. (2021). Network functional connectivity underlying dissociable cognitive and affective components of empathy in adolescence. *Neuropsychologia*. DOI: 10.1016/j.neuropsychologia.2021.107832
23. **Winters, D.E.**, Brandon-Friedman, R., Yepes, G., Hinkley, J. (2020). Systematic review and meta-analysis of socio-cognitive and socio-affective processes association with adolescent substance use. *Drug and Alcohol Dependence*. DOI: 10.1016/j.drugalcdep.2020.108479



24. **Winters, D.E.**, Pierce, B. J., Imburgia, T. (2020) Concrete services usage on child placement stability: Propensity score matched effects. *Child and Youth Service Review*. DOI: 10.1016/j.chidyouth.2020.105362
25. **Winters, D.E.**, Wu, W., Fukui, S. (2020). Longitudinal effects of cognitive and affective empathy on adolescent substance use. *Substance Use & Misuse*, 1-7. DOI: 10.1080/10826084.2020.1717537
26. **Winters, D.E.**, Fukui, S., Leibenluft, E., Hulvershorn L.A., (2018). Improvements in Irritability with Open-Label Methylphenidate in Youth with Comorbid Attention Deficit/Hyperactivity Disorder and Disruptive Mood Dysregulation Disorder. *Journal of Child and Adolescent Psychopharmacology*, 28(5): 298-305. DOI: 10.1089/cap.2017.0124
27. Beerbower, E., **Winters, D.E.**, Kondrat, D. (2018). Bio-psycho-social-spiritual needs of adolescents and young adults with life-threatening illnesses: Implications for social work practice. *Social Work in Health Care*, 1-17. DOI: 10.1080/00981389.2018.1430091
28. **Winters, D.E.**, Beerbower, E. (2017). Mindfulness and Meditation as an Adjunctive Treatment for Adolescents Involved in the Juvenile Justice System: Is Repairing the Brain and Nervous System Possible? *Social Work in Health Care*, 1-21. Doi:10.1080/00981389.2017.1316341

#### Published Book Chapters (n=1)

1. Armstrong, E., **Winters, D.E.**, Jagers, J. (2018). Mental Health in Prison Populations. Serving the Stigmatized: Working within the Incarcerated Environment. W.T. Church and D.W. Springer, Oxford University Press.

#### Technical Reports for the State of Indiana (n=4)

1. **Winters, D.E.**, Imburgia, T., Pierce, B. J. (2017, 2018, 2019, 2020). Concrete Services Spending and outcomes for youth. Indiana Department of Child Services Child Welfare Title IV-E Waiver Demonstration Project Extension: Final Report.

#### Under Review

1. \*+## Pettine W.W., **Winters D.E.**, Murray, J.D., Anticevic, A., Jacob, S. (under review). A tool for longitudinal assessment of individual differences in judgment calibration during category learning. Preprint DOI: <https://doi.org/10.31234/osf.io/n32gy>

#### In Preparation

1. \*+## **Winters, D.E.**, Probabilistic Cognitive State Modeling (PCSM): Decoding Latent Cognitive Dynamics Reveals Serial and Parallel Processing in Demanding fMRI Tasks.
2. **Winters, D.E.**, Connectome-Based Data-Driven Subgroups Association with Theoretical Groups of Callous-Unemotional Traits and Low Prosocial Emotion Specifier
3. \*+ **Winters, D.E.**, Kim, H., Leopold, D. R., Carlson, K., & Banich, M. Difference in Task-Based Functional Connectivity Under Higher Cognitive Demands Unique to Callous-Unemotional Traits. OSF: <https://osf.io/z3uft/>