

## **BROOKS R. KING-CASAS, PhD**

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### **EDUCATION AND EMPLOYMENT**

2016 - present Associate Professor (with tenure)	<b>Virginia Tech, Department of Psychology, Blacksburg, VA</b>
2016 - present Associate Professor	<b>Virginia Tech, Fralin Biomedical Research Institute, Roanoke, VA</b>
2016 - present Affiliate Assoc. Prof.	<b>Virginia Tech, School of Neuroscience, Blacksburg, VA</b>
2016 - present Affiliate Assoc. Prof.	<b>Virginia Tech, Department of Economics, Blacksburg, VA</b>
2013 - present Affiliate Faculty	<b>Virginia Tech, Faculty of Health Sciences, Blacksburg, VA</b>
2011 - present Research Scientist	<b>Salem Veterans Affairs Medical Center, Research Service Line, Salem, VA</b>
2011 - present Assistant Professor	<b>Virginia Tech Carilion School of Medicine, Department of Psychiatry and Behavioral Medicine, Roanoke, VA</b>
2011 - present Core Faculty	<b>Virginia Tech, School of Biomedical Engineering and Sciences, Blacksburg, VA</b>
2010 - 2016 Assistant Professor	<b>Virginia Tech, Fralin Biomedical Research Institute and Department of Psychology, Roanoke/Blacksburg, VA</b>
2008 - 2011 Research Scientist	<b>Michael E DeBakey VA Medical Center, Research Service Line, Houston, TX</b>
2007 - 2010 Assistant Professor	<b>Baylor College of Medicine, Department of Neuroscience and Menninger Department of Psychiatry and Behavioral Sciences, Houston, TX</b>
2005 - 2007 Postdoc Fellow	<b>Baylor College of Medicine, Department of Neuroscience, Houston, TX</b> <u>Mentor:</u> P. Read Montague, PhD
2005 PhD	<b>Harvard University, Cambridge, MA.</b> <u>Field:</u> Psychology (Experimental Psychopathology)
1996 AB	<b>Harvard University, Cambridge, MA</b> <u>Field:</u> Philosophy

### **AWARDS AND HONORS**

2022	<b>Virginia Tech Graduate School, College of Science Outstanding Mentor Award</b>
2012	<b>Kavli Frontier in Science Fellow, National Academy of Science</b>

2011	<b>Virginia Tech Scholar of the Week</b>
2006 - 2007	<b>Individual Ruth L. Kirschstein National Research Service Award</b>
2006 - 2007	<b>American Psychological Association Diversity Program in Neuroscience Postdoctoral Fellowship</b> (declined)
2002 - 2003	<b>Harvard University Graduate Prize Fellowship</b>
1999 - 2002	<b>Stimson Prize for Research, Harvard University</b>
1999 - 2002	<b>McMasters Prize for Research, Harvard University</b>
1998 - 2001	<b>Ford Foundation Predoctoral Fellowship</b>
1998 - 2000	<b>Sackler Fellowship in Psychobiology</b>
1997 - 1998	<b>Harvard University Graduate Prize Fellowship</b>

## PUBLICATIONS

Google Scholar citations: 5,304 (as of 06/28/2022)

Citations in 2021: 558

h-index: 27

i10-index: 50

# trainee co-author

- Williams, W, King-Casas, B, Chiu, PH, Sciarrino, N, Estey, M, Hunt, C, McCurry, K<sup>#</sup>, Graham, D<sup>#</sup> (2022) Do early responders and treatment non-responders offer guidance to make cognitive processing therapy (CPT) group a more effective treatment? *J Clin Psychol* 78:1376-1387. [doi://10.1002/jclp.23307](https://doi.org/10.1002/jclp.23307)
- Brieant A, King-Casas B, Kim-Spoon J. (2022). Transactional relations between developmental trajectories of executive functioning and internalizing and externalizing symptomatology in adolescence. *Dev Psychopathol* 34:213-224. [doi://10.1017/S0954579420001054](https://doi.org/10.1017/S0954579420001054)
- Herd T, Brieant A, King-Casas B, Kim-Spoon J. (2022). Associations between developmental patterns of negative parenting and emotion regulation development across adolescence. *Emotion* 22:270-282. [doi://10.1037/emo0000997](https://doi.org/10.1037/emo0000997)
- Gamache J, Herd T, Allen J, King-Casas B, Kim-Spoon J. (2022). Longitudinal associations between social relationships and alcohol use from adolescence into young adulthood: The role of religiousness. *J Youth Adolesc* [doi://10.1007/s10964-022-01632-2](https://doi.org/10.1007/s10964-022-01632-2)
- Stagaki M, Nolte T, Feigenbaum J, King-Casas B, Lohrenz T, Fonagy P; Personality and Mood Disorder Research Consortium, Montague PR. (2022). The mediating role of attachment and mentalising in the relationship between childhood maltreatment, self-harm and suicidality. *Child Abuse Negl* 128:105576. [doi://10.1016/j.chiabu.2022.105576](https://doi.org/10.1016/j.chiabu.2022.105576)
- Lindenmuth M, Herd T, Brieant A, Lee J, Deater-Deckard K, Bickel WK, King-Casas B, Kim-Spoon J. (2022). Neural cognitive control moderates the longitudinal link between hedonia and substance use across adolescence. *Dev Cogn Neurosci* 55:101111. [doi://10.1016/j.dcn.2022.101111](https://doi.org/10.1016/j.dcn.2022.101111)
- Li F<sup>#</sup>, Chiu PH, King-Casas B. (2021). Trust vs. Reciprocity: The role of outcome-based and belief-based motivations. In F Krueger (Ed). *The Neurobiology of Trust*. (pp. 236 - 268) Cambridge: Cambridge University Press. [doi://10.1017/9781108770880.014](https://doi.org/10.1017/9781108770880.014)
- Brieant A, Herd T, Deater-Deckard K, Lee J, King-Casas B, Kim-Spoon J. (2021). Processes linking socioeconomic disadvantage and neural correlates of cognitive control in adolescence. *Dev Cogn Neurosci* 48:100935. [doi://10.1016/j.dcn.2021.100935](https://doi.org/10.1016/j.dcn.2021.100935)

- Kim-Spoon J, Herd T, Briant A, Peviani K, Deater-Deckard K, Lauharatanahirun N<sup>#</sup>, Lee J, [King-Casas B.](#) (2021). Maltreatment and brain development: The effects of abuse and neglect on longitudinal trajectories of neural activation during risk processing and cognitive control. *Dev Cogn Neurosci* 48:100939. [doi://10.1016/j.dcn.2021.100939](https://doi.org/10.1016/j.dcn.2021.100939)
- Michael J, Chennells M, Nolte T, Ooi J, Griem J; London Personality and Mood Disorder Research Network, Christensen W, Feigenbaum J, [King-Casas B.](#), Fonagy P, Montague PR. (2021). Probing commitment in individuals with borderline personality disorder. *J Psychiatr Res* 137:335-341. [doi://10.1016/j.jpsychires.2021.02.062](https://doi.org/10.1016/j.jpsychires.2021.02.062)
- Rifkin-Zybutz RP, Moran P, Nolte T, Feigenbaum J, [King-Casas B.](#); London Personality and Mood Disorder Consortium, Fonagy P, Montague RP. (2021). Impaired mentalizing in depression and the effects of borderline personality disorder on this relationship. *Borderline Personal Disord Emot Dysregul* 8:15. [doi://10.1186/s40479-021-00153-x](https://doi.org/10.1186/s40479-021-00153-x)
- Kim-Spoon J, Herd T, Briant A, Elder J, Lee J, Deater-Deckard K, [King-Casas B.](#) (2021). A 4-year longitudinal neuroimaging study of cognitive control using latent growth modeling: developmental changes and brain-behavior associations. *Neuroimage* 237:118134. [doi://10.1016/j.neuroimage.2021.118134](https://doi.org/10.1016/j.neuroimage.2021.118134)
- Brown VM<sup>#</sup>, Zhu L<sup>#</sup>, Solway A<sup>#</sup>, Wang JM<sup>#</sup>, McCurry KL<sup>#</sup>, [King-Casas B.](#), Chiu PH. (2021). Reinforcement learning disruptions in individuals with depression and sensitivity to symptom change following Cognitive Behavioral Therapy. *JAMA Psychiatry* 78:1113-1122. [doi://10.1001/jamapsychiatry.2021.1844](https://doi.org/10.1001/jamapsychiatry.2021.1844)  
Commentary: <https://doi.org/10.7554/eLife.30150.002>
- Williams MW, Graham D<sup>#</sup>, Sciarrino NA, Esty M<sup>#</sup>, McCurry K<sup>#</sup>, Chiu P, [King-Casas B.](#) (2020). Does validity measure response affect group CPT outcomes in veterans with PTSD? *Military Medicine* 185:e370-e376. [doi://10.1093/milmed/usz385](https://doi.org/10.1093/milmed/usz385)
- McCurry KL<sup>#</sup>, Frueh BC, Chiu PH, [King-Casas B.](#) (2020). Opponent effects of hyperarousal and re-experiencing on affective habituation in posttraumatic stress disorder. *Biol Psychiatry Cogn Neurosci Neuroimaging* 5(2):203-212. [doi://10.1016/j.bpsc.2019.09.006](https://doi.org/10.1016/j.bpsc.2019.09.006)  
Commentary: Averill CL, Averill LA, Fan S, Abdallah CG (2020) Of forests and trees: Bridging the gap between neurobiology and behavior in posttraumatic stress disorder. *Biol Psychiatry Cogn Neurosci Neuroimaging* 5(2):135-137. [doi://10.1016/j.bpsc.2019.12.010](https://doi.org/10.1016/j.bpsc.2019.12.010)
- Herd T, [King-Casas B.](#), Kim-Spoon J. (2020). Developmental changes in emotion regulation during adolescence: Associations with socioeconomic risk and family emotional context. *J Youth Adolesc* 49:1545-1557. [doi://10.1007/s10964-020-01193-2](https://doi.org/10.1007/s10964-020-01193-2)
- Asscheman JS, Deater-Deckard K, Lauharatanahirun N<sup>#</sup>, van Lier PAC, Koot S, [King-Casas B.](#), Kim-Spoon J. (2020). Associations between peer attachment and neural correlates of risk processing across adolescence. *Dev Cogn Neurosci* 42:100772. [doi://10.1016/j.dcn.2020.100772](https://doi.org/10.1016/j.dcn.2020.100772)
- Kim-Spoon J, Herd T, Briant A, Peviani KM, Lauharatanahirun N<sup>#</sup>, Lee J, Deater-Deckard K, Bickel WK, [King-Casas B.](#) (2020). Bidirectional links between adolescent brain function and substance use moderated by cognitive control. *J Child Psychol Psychiatry* [doi://10.1111/jcpp.13285](https://doi.org/10.1111/jcpp.13285)
- Briant A, Peviani KM, Lee JE, [King-Casas B.](#), Kim-Spoon J. (2020). Socioeconomic risk for adolescent cognitive control and emerging risk-taking behaviors. *J Res Adolesc* 31:71-84. [doi://10.1111/jora.12583](https://doi.org/10.1111/jora.12583)
- Chung D<sup>#</sup>, Orloff MA<sup>#</sup>, Lauharatanahirun N<sup>#</sup>, Chiu PH, [King-Casas B.](#) (2020). Valuation of peers' safe choices is associated with substance-naïveté in adolescents. *Proc Natl Acad Sci U S A* 117(50):31729-31737. [doi://10.1073/pnas.1919111117](https://doi.org/10.1073/pnas.1919111117)
- Kim-Spoon J, Deater-Deckard K, Calkins SD, [King-Casas B.](#), Bell MA. (2019). Commonality between executive functioning and effortful control related to adjustment. *J Appl Dev Psychol* 60:47-55. [doi://10.1016/j.appdev.2018.10.004](https://doi.org/10.1016/j.appdev.2018.10.004)

- Wang JM<sup>#</sup>, Zhu L<sup>#</sup>, Brown VM<sup>#</sup>, De La Garza R, Newton T, [King-Casas B](#), Chiu PH (2019). In cocaine dependence, neural prediction errors during loss avoidance are increased with cocaine deprivation and predict drug use. *Biol Psychiatry Cogn Neurosci Neuroimaging* 4:291-299. [doi://10.1016/j.bpsc.2018.07.009](https://doi.org/10.1016/j.bpsc.2018.07.009)  
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- Peviani KM, Kahn RE, Maciejewski D, Bickel WK, Deater-Deckard K, [King-Casas B](#), Kim-Spoon J. (2019). Intergenerational transmission of delay discounting: The mediating role of household chaos. *J Adolesc.* 72:83-90. [doi://10.1016/j.adolescence.2019.03.002](https://doi.org/10.1016/j.adolescence.2019.03.002)
- Kim-Spoon J, Lauharatanahirun N<sup>#</sup>, Peviani K, Briant A, Deater-Deckard K, Bickel WK, [King-Casas B](#). (2019). Longitudinal pathways linking family risk, neural risk processing, delay discounting, and adolescent substance use. *J Child Psychol Psychiatry* 60:655-664. [doi://10.1111/jcpp.13015](https://doi.org/10.1111/jcpp.13015)
- Holmes C, Briant A, [King-Casas B](#), Kim-Spoon J. (2019). How Is religiousness associated with adolescent risk-taking? The roles of emotion regulation and executive function. *J Res Adolesc* 29:334-344. [doi://10.1111/jora.12438](https://doi.org/10.1111/jora.12438)
- Kim-Spoon J, Deater-Deckard K, Briant A, Lauharatanahirun N<sup>#</sup>, Lee J, [King-Casas B](#). (2019). Brains of a feather flocking together? Peer and individual neurobehavioral risks for substance use across adolescence. *Dev Psychopathol* 31:1661-1674. [doi://10.1017/S0954579419001056](https://doi.org/10.1017/S0954579419001056)
- Peviani KM, Briant A, Holmes CJ, [King-Casas B](#), Kim-Spoon J. (2019). Religious social support protects against social risks for adolescent substance use. *J Res Adolesc* [doi://10.1111/jora.12529](https://doi.org/10.1111/jora.12529)
- Deater-Deckard K, Li M, Lee J, [King-Casas B](#), Kim-Spoon J. (2019). Poverty and puberty: A neurocognitive study of inhibitory control in the transition to adolescence. *Psychol Sci* 30:1573-1583. [doi://10.1177/0956797619863780](https://doi.org/10.1177/0956797619863780)
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- Elder J, Briant A, Lauharatanahirun N<sup>#</sup>, [King-Casas B](#), Kim-Spoon J. (2019). Insular risk processing predicts alcohol use via externalizing pathway in male adolescents. *J Stud Alcohol Drugs* 80:602-613. [doi://10.15288/jsad.2019.80.602](https://doi.org/10.15288/jsad.2019.80.602)
- Brown VM<sup>#</sup>, Zhu L<sup>#</sup>, Wang JM<sup>#</sup>, Frueh BC, [King-Casas B](#), Chiu P (2018). Associability-modulated loss learning is increased in posttraumatic stress disorder. *eLife* 7:e30150. [doi://10.7554/eLife.30150](https://doi.org/10.7554/eLife.30150)
- Lauharatanahirun N<sup>#</sup>, Maciejewski D, Holmes C, Deater-Deckard K, Kim-Spoon J, [King-Casas B](#) (2018). Neural correlates of risk processing among adolescents: Influences of parental monitoring and household chaos. *Child Dev* 89(3):784-796. [doi://10.1111/cdev.13036](https://doi.org/10.1111/cdev.13036)
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- Maciejewski D, Lauharatanahirun N<sup>#</sup>, Herd T, Lee J, Deater-Deckard K, [King-Casas B](#), Kim-Spoon J (2018). Neural cognitive control moderates the association between insular risk processing and risk-taking behaviors via perceived stress in adolescents. *Dev Cogn Neurosci* 30:150-158. [doi://10.1016/j.dcn.2018.02.005](https://doi.org/10.1016/j.dcn.2018.02.005)
- Herd T, Li M, Maciejewski D, Lee J, Deater-Deckard K, [King-Casas B](#), Kim-Spoon J (2018). Inhibitory control mediates the association between perceived stress and secure relationship quality. *Frontiers in Psychology* 9:217. [doi://10.3389/fpsyg.2018.00217](https://doi.org/10.3389/fpsyg.2018.00217)
- Maciejewski D, Briant A, Lee J, [King-Casas B](#), Kim-Spoon J. (2018). Neural cognitive control moderates the relation between negative life events and depressive symptoms in adolescents. *J Clin Child Adolesc Psychol* 7:1-16. [doi://10.1080/15374416.2018.1491005](https://doi.org/10.1080/15374416.2018.1491005)

- Kahn RE, Chiu PH, Deater-Deckard K, Hochgraf AK, King-Casas B, Kim-Spoon J. (2018). The interaction between punishment sensitivity and effortful control for emerging adults' substance use behaviors. *Subst Use Misuse* 53:1299-1310. [doi://10.1080/10826084.2017.1407790](https://doi.org/10.1080/10826084.2017.1407790)
- Chung D<sup>#</sup>, Kadlec K<sup>#</sup>, Aimone JA<sup>#</sup>, McCurry K<sup>#</sup>, King-Casas B, Chiu PH (2017). Valuation in major depression is intact and stable in a non-learning environment. *Scientific Reports* 7:44374. [doi://10.1038/srep44374](https://doi.org/10.1038/srep44374)
- Kim-Spoon J, Kahn RE, Lauharatanahirun N<sup>#</sup>, Deater-Deckard K, Bickel WK, Chiu PH, King-Casas B (2017). Executive functioning and substance use in adolescence: Neurobiological and behavioral perspectives. *Neuropsychologia* 100:79-92. [doi://10.1016/j.neuropsychologia.2017.04.020](https://doi.org/10.1016/j.neuropsychologia.2017.04.020)
- Brieant A, Holmes CJ, Deater-Deckard K, King-Casas B, Kim-Spoon J (2017). Household chaos as a context for intergenerational transmission of executive functioning. *Journal of Adolescence* 58:40-48. [doi://10.1016/j.adolescence.2017.05.001](https://doi.org/10.1016/j.adolescence.2017.05.001)
- Kim-Spoon J, Maciejewski D, Lee J, Deater-Deckard K, King-Casas B (2017). Longitudinal associations among family environment, neural cognitive control, and social competence among adolescents. *Developmental Cognitive Neuroscience* 26:69-76. [doi://10.1016/j.dcn.2017.04.009](https://doi.org/10.1016/j.dcn.2017.04.009)
- Kim-Spoon J, Deater-Deckard K, Lauharatanahirun N<sup>#</sup>, Farley JP, Chiu PH, Bickel WK, King-Casas B (2017). Neural interaction between risk sensitivity and cognitive control predicting health risk behaviors among late adolescents. *Journal of Research on Adolescence* 27:674-682. [doi://10.1111/jora.12295](https://doi.org/10.1111/jora.12295)
- Kim-Spoon, J, Kahn, R, Deater-Deckard, K, Chiu, PH, Steinberg, L, King-Casas, B (2016). Risky decision making in a laboratory driving task is associated with health risk behaviors during late adolescence but not adulthood. *International Journal of Behavioral Development* 40(1):58-63. [doi://10.1177/0165025415577825](https://doi.org/10.1177/0165025415577825)
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- Kim-Spoon J, Deater-Deckard K, Holmes C, Lee J, Chiu P, King-Casas B (2016). Behavioral and neural inhibitory control moderates the effects of reward sensitivity on adolescent substance use. *Neuropsychologia* 91:318-326. [doi://10.1016/j.neuropsychologia.2016.08.028](https://doi.org/10.1016/j.neuropsychologia.2016.08.028)
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- Kahn RE, Deater-Deckard K, King-Casas B, Kim-Spoon J (2016). Intergenerational similarity in callous-unemotional traits: Contributions of hostile parenting and household chaos during adolescence. *Psychiatry Research* 246:815-820. [doi://10.1016/j.psychres.2016.10.023](https://doi.org/10.1016/j.psychres.2016.10.023)
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## RESEARCH SUPPORT

### Ongoing Research Support as PI

- |   |                            |                     |
|---|----------------------------|---------------------|
| R01 DA051573<br>NIH/NIDA<br>Social influence on choices in adolescent substance use<br>This project will examine whether substance use, and changes in substance use, are related to individual differences in two neurocomputational mechanisms by which social information influences choice.<br>Role: PI               | King-Casas/Chiu (MPI)      | 04/01/21 - 03/31/26 |
| R01 MH122948<br>NIH/NIMH<br>Direct sub-second measurement of neuromodulator signaling during risky decision-making<br>This award will combine electrochemistry and machine learning methods to directly to investigate the neurocomputational role of serotonin, norepinephrine and dopamine in risky choice.<br>Role: PI | King-Casas/Montague (MPI)  | 04/08/20 - 02/28/25 |
| Merit D2354R<br>VA/RR&D<br>Efficacy and neural mediators of response to TMT for PTSD<br>The study will investigate neural mechanisms of treatment using functional magnetic resonance imaging and probes of affective and social behavior.<br>Role: PI  | King-Casas (PI)            | 07/01/18 - 06/30/23 |
| R01 MH115221<br>NIH/NIMH<br>Neurobehavioral mechanisms of social dysfunction in Borderline Personality Disorder<br>This project will use computational models of social behavior and functional magnetic resonance imaging to evaluate interpersonal dysfunction in Borderline Personality Disorder.<br>Role: PI          | King-Casas (PI)            | 02/01/18 - 12/31/22 |
| R01 DA036017<br>NIH/NIDA<br>Neurobehavioral determinants of health risk behaviors: From adolescence to young adulthood  | King-Casas/Kim-Spoon (MPI) | 09/15/13 - 06/30/23 |





- Clinchard, C., Lee, T., Brieant, A., King-Casas, B., Kim-Spoon, J. (2022). Family income and parent-adolescent neural concordance predict adolescent substance use via parental monitoring. Poster, Association for Psychological Science Annual Convention, Chicago, IL.
- Gamache, J., Tarnai, K., Kier, A., Lee, J., King-Casas, B., & Kim-Spoon, J. (2022). Cognitive control in early adolescence and later romantic relationship quality: The mediating role of peer trust. Paper, Society for Research in Child Development conference (virtual).
- Lindenmuth, M., Li, M., Tarnai, K., Gellert, S., Lee, J., King-Casas, B., Kim-Spoon, J., Deater-Deckard, K. (2022). Development of cognitive control during adolescence: The integrative effects of family socioeconomic status and parenting behaviors. Poster, Association for Psychological Science Annual Convention, Chicago, IL.
- King-Casas, B, Orloff, MA, Chung, D, Chiu PH (2021; online due to COVID). Increasing the value of peer information in risky decision-making. In M. Kraatz & V. Pariyadath (Chairs), Novel approaches to studying social cognition in addiction. Paper, 2021 NIDA/NIAAA Mini-Convention: Frontiers in Addiction Research (virtual).
- Chiu, PH, Chung, D, Christopoulos, G, De La Garza, R, Newton, T, King-Casas, B (2021; online due to COVID). Social influences on risky choices in cocaine use disorder. Paper, Society for Biological Psychiatry (virtual).
- Feng S, Christopoulos G, Julien J, Chiu P, King-Casas B (2021; online due to COVID) Self and other-regarding reinforcement learning in post-traumatic stress disorder. Poster, Organization for Human Brain Mapping (virtual).
- Myslowski, J., Koffarnus, M., Lisinski, J., Peviani, K., Bickel, W., Kim-Spoon, J., King-Casas, B., & LaConte, S. (2021). Key nodes of the salience network are more engaged during inconsistent decision making. Poster, Organization for Human Brain Mapping (virtual).
- Brieant, A., King-Casas, B., & Kim-Spoon, J. (2021). Developmental Cascades from Socioeconomic Adversity to Psychopathology via Executive Functioning and Emotion Regulation. Paper, Society for Research in Child Development conference (virtual).
- Herd, T., King-Casas, B., & Kim-Spoon, J. (2021). Associations between Developmental Patterns of Parent Negativity and Emotion Regulation with Externalizing Symptoms, and Health Risk Behaviors. Paper, Society for Research in Child Development conference (virtual).
- Herd, T., Jacques, K., King-Casas, B., & Kim-Spoon, J. (2021). Developmental Patterns of Parent Negativity Predict Adolescent Executive Functioning. Poster, Society for Research in Child Development conference (virtual).
- Kim-Spoon, J., Herd, T., Brieant, A., Peviani, K., Lauharatanahirun, N., Jacques, K., & King-Casas, B. (2021). Maltreatment and Brain Development in Adolescence: The Effects of Abuse and Neglect on Risk Processing. Poster, Society for Research in Child Development conference (virtual).
- Lindenmuth, M., Herd, T., Brieant, A., Lee, J., Tarnai, K., King-Casas, B., & Kim-Spoon, J. (2021). Cognitive Control Moderates the Link between Hedonia and Substance Use Across Adolescence. Poster, Society for Research in Child Development conference (virtual).
- Gamache, J., Herd, T., Tarnai, K., King-Casas, B., & Kim-Spoon, J. (2021). Social Experiences in Early Adolescence and Later Alcohol Use: The Moderating Role of Religiousness. Poster, Society for Research in Child Development conference (virtual).
- Cui Z, Zhu L, Chiu PH, King-Casas B (2020, poster accepted; conference canceled due to COVID) Alterations of social interaction in combat-related Posttraumatic Stress Disorder. Poster, Social & Affective Neuroscience Society, May 2020; Santa Barbara, USA.
- Orloff MA, Soldate J, Lisinski J, LaConte S, King-Casas B, and Chiu PH (2020; online due to COVID). Online decoding for rtMnRI neurofeedback via group classification models of a decision-making task. Poster, Organization for Human Brain Mapping, Montreal, Québec, Canada.
- Brieant, A., Deater-Deckard, K., Ollendick, T. H., Lee, TH., Lee, J., King-Casas, B., & Kim-Spoon, J. (2020). Not all adversity is created equal: Differential associations of adversity profiles with adolescent cognitive control and psychopathology. Poster, Flux Congress (virtual).
- Brieant, A., King-Casas, B., & Kim-Spoon, J. (2020, paper accepted; conference canceled due to COVID). Developmental cascades from socioeconomic adversity to psychopathology via executive functioning and emotion regulation. Paper, Society for Research in Adolescence conference, San Diego, CA, United States.
- Herd, T., Brieant, A., King-Casas, B., & Kim-Spoon, J. (2020, paper accepted; conference canceled due to COVID). The influence of developmental patterns of parent negativity on cognitive emotion

- regulation across adolescence. Paper, Society for Research in Adolescence conference, San Diego, CA, United States.
- Jacques, K., Herd, T., Briant, A., Peviani, K., Neal, J., King-Casas, B., & Kim-Spoon, J. (2020, poster accepted; conference canceled due to COVID). Pathways from Harsh Parenting to Peer Victimization: The Moderating Effects of Gender. Poster, Society for Research in Adolescence conference, San Diego, CA, United States.
- Kim-Spoon, J., Herd, T., Briant, A., Peviani, K., Lauharatanahirun, N., Lee, J., Deater-Deckard, K., Bickel, W., & King-Casas, B. (2020, poster accepted; conference canceled due to COVID). Bidirectional links between adolescent brain function and substance use moderated by cognitive control. Poster, Society for Research in Adolescence conference, San Diego, CA, United States.
- Lauharatanahirun, N., Ball, S., Kim-Spoon, J., & King-Casas, B. (2020, poster accepted; conference canceled due to COVID) Longitudinal changes in neurobehavioral risk sensitivity and associations with future health risk behaviors. Poster, Society for Research in Adolescence conference, San Diego, CA, United States.
- Neal, J., Herd, T., Jacques, K., Lauharatanahirun, N., Lee, T., King-Casas, B., & Kim-Spoon, J. (2020, poster accepted; conference canceled due to COVID). Paternal harsh parenting as a risk factor for neurobiological vulnerability to sexual risk taking for males. Poster, Society for Research in Adolescence conference, San Diego, CA, United States.
- Peviani, K. M., Jacques, K., Bickel, W. K., King-Casas, B., & Kim-Spoon, J. (2020, paper accepted; conference canceled due to COVID). Negative Affect, Incentive Saliency, and Adolescent Substance Use: The Moderating Role of Executive Function. Paper, Society for Research in Adolescence conference, San Diego, CA, United States.
- Peviani, K. M., Bickel, W. K., King-Casas, B., & Kim-Spoon, J. (2020, poster accepted; conference canceled due to COVID). Longitudinal Associations among Socioeconomic Status, Delay Discounting, and Substance Use in Adolescence. Poster, Society for Research in Adolescence conference, San Diego, CA, United States.
- Dunster, H., Stephens, M., Briant, A., King-Casas, B., & Kim-Spoon, J. (2020, poster accepted; conference canceled due to COVID). The Effect of Cognitive Control on Adolescent Substance Use. Poster, Mid-Atlantic Undergraduate Research Conference, Virginia Tech, Blacksburg, VA.
- King-Casas, B. (2019). Talk, Borderline personality disorder modulates neurocognitive mechanisms and cooperative behavior in Trust Game. *7<sup>th</sup> Annual Conference of the North American Society of Personality Disorders*, Pittsburgh, PA.
- Cui Z, Zhu L, Vilares I, Chiu PH, King-Casas B (2019) Behavioral and neural alterations in competitive behavior in major depressive disorder. Poster, Organization for Human Brain Mapping, Rome, Italy.
- Cui Z, Zhu L, Vilares I, Chiu PH, King-Casas B (2019). Behavioral and neural alterations in competitive behavior in major depressive disorder. Poster, International Convention of Psychological Science, Association for Psychological Science, Paris, France. With talk presented at Institut des Sciences Cognitives Marc Jeannerod, Lyon, France.
- Orloff MA, Soldate J, Lisinski J, LaConte S, King-Casas B, Chiu PH. (2019) Toward group classification models for rtfMRI neurofeedback using data from a decision-making task. Poster and talk, Organization for Human Brain Mapping, Rome, Italy.
- Orloff MA, Chung D, Delattre B, Lee J, King-Casas B, Chiu PH. (2019) Having agency in acquiring social information increases social influence. Poster, International Convention of Psychological Science, Association for Psychological Science, Paris, France.
- Feng S, Christopoulos G, Chiu P, King-Casas B (2019) The effect of oxytocin on reinforcement learning for self and other. Poster, 25<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping, Rome, Italy.
- Feng S, Christopoulos G, Chiu P, King-Casas B (2019) The effect of oxytocin on reinforcement learning for self and other. Poster, International Convention of Psychological Science, Association for Psychological Science, Paris, France. With talk presented at Institut des Sciences Cognitives Marc Jeannerod, Lyon, France.
- Briant A, King-Casas B & Kim-Spoon J (2019). Processes linking socioeconomic disadvantage and neural underpinnings of executive function in adolescence. Talk, Society for Research in Child Development, Baltimore, MD.

- Herd T, King-Casas B, & Kim-Spoon J (2019). Developmental changes in emotional regulation during adolescence: Influences of socioeconomic status and family emotional climate. Poster, Society for Research in Child Development, Baltimore, MD.
- Kim-Spoon J, Herd T, Li M, Lauharatanahirun N, Lee J, Deater-Deckard K, King-Casas, B (2019). Neural cognitive control as a protective factor in the reciprocal association between neural risk processing and substance use in adolescence. Talk, International Convention of Psychological Science, Paris, France.
- Li M, El Mallah S, Deater-Deckard K, King-Casas B, Kim-Spoon J. (2019). Peer victimization, risky decision making, and approach/avoidance in mid-adolescence. Talk, Society for Research in Child Development, Baltimore, MD.
- Peviani, K., Lee, J., Bickel, W., King-Casas, B., & Kim-Spoon, J. (2019). Neurobehavioral correlates of the longitudinal development of delay discounting: influences of inhibitory control and BIS. Poster, Society for Research in Child Development, Baltimore, MD.
- Brieant, A, Elder, J, King-Casas, B, Kim-Spoon, J. (2018). Socioeconomic risk for adolescent executive functioning and emerging risk behaviors. Poster, Society for Research on Adolescence, Minneapolis, MN.
- Brieant, A, King-Casas, B, Kim-Spoon, J. (2018). Growth Trajectories of Neurocognitive Self-Regulation and Adolescent Adjustment. Poster, Association for Psychological Science, San Francisco, CA.
- Herd, T, Li, M, Maciejewski, D, Lee, J, Deater-Deckard, K, Righi, M, King-Casas, B, Kim-Spoon, J. (2018). Inhibitory control mediates the association between perceived stress and relationship quality. Poster, Society for Research on Adolescence, Minneapolis, MN.
- Kim-Spoon, J, Lauharatarahirun, N, Peviani, K, Brieant, A, Herd, T, Elder, J, Deater-Deckard, K, Bickel, WK, King-Casas, B. (2018). Longitudinal pathways linking socioeconomic adversity, neural risk processing, delay discounting, and adolescent substance use. Poster, Association for Psychological Science, San Francisco, CA.
- Lauharatanahirun, N, Maciejewski, D, Holmes, C, Deater-Deckard, K, Kim-Spoon, J, King-Casas, B. (2018). Cross-sectional and longitudinal associations of parental monitoring, household chaos, & insular risk processing among adolescents. Poster, Society for Research on Adolescence, Minneapolis, MN.
- Peviani, K, Brieant, A, Holmes, C, Elder, J, Deacon, J, King-Casas, B, Kim-Spoon, J. (2018). Intergenerational transmission of substance use: contributions of parents, peers, and religious socialization. Poster, Society for Research on Adolescence, Minneapolis, MN.
- Peviani, K, King-Casas, B, Kim-Spoon, J. (2018). Longitudinal effects of contextual stress on adolescent delay discounting and substance use. Poster, Society for Research on Adolescence, Minneapolis, MN.
- Wang, JM, Cui, Z, Brown, VM, Solway, A, Zhu, L, Kim-Spoon, J, Chiu, P, King-Casas, B. (2018). Risk learning in adolescents. Poster, Organization for Human Brain Mapping, Singapore.
- Orloff, MA, Chung, D, Gu, X, Gao, Z, Song, G, Tatineni, C, Wang, X, Xu, S, King-Casas, B, Chiu PH. (2018). Insula, but not dACC, is necessary for risky decision-making under social influence. Poster, Virginia-Nordic Precision Neuroscience Conference II, Oslo, Norway.
- Orloff MA, Chung D, Delattre B, Lee J, King-Casas B, Chiu PH. (2018) Having agency in acquiring social information increases social influence. Poster, Organization for Human Brain Mapping, Singapore.
- Cui, Z, Zhu, L, Vilares, I, Chiu, PH, King-Casas B. (2018). Behavioral and neural alterations in competitive behavior in Major Depressive Disorder. Poster, Society of Biological Psychiatry, New York, NY.
- Brieant, A, Holmes, C, Lee, J, Hochgraf, A, Omohundro, H, Pereira, K, King-Casas, B, & Kim-Spoon, J. (2017). Positive and negative affect and adolescent adjustment: Moderation effects by prefrontal functioning. Poster, Society for Research in Child Development, Austin, TX.
- Herd, T, Maciejewski, D, Lauharatanahirun, N, Lee, J, Deater-Deckard, K, King-Casas, B, & Kim-Spoon, J. (2017). Cognitive control moderates the association between risk processing and health risk behaviors via perceived stress. Poster, Association for Psychological Science, Boston, MA.
- Lauharatanahirun, L, Ball, S, Aimone, J, Kim-Spoon, J, Chiu, P, & King-Casas, B. Risk attitudes and probability biases modulate neural correlates of variance processing in adolescents. (2017). Poster, Society for Research in Child Development, Austin, TX.

- Peviani, K, Brieant, A, Holmes, C, King-Casas, B, & Kim-Spoon, J. (2017). Intergenerational transmission of rural substance use: contributions of parents, peers, and religiousness. Poster, Society for Research in Child Development, Austin, TX.
- Peviani, K, Kahn, R, Hochgraf, A, Omohundro, H, Pereira, K, Bickel, W, King-Casas, B, & Kim-Spoon, J. (2017). The indirect effect of parent delay discounting on adolescent delay discounting through household chaos. Poster, Society for Research in Child Development, Austin, TX.
- McCurry, K, Brown, VM, King-Casas, B, Chiu, P (2017) Neuroimaging biomarkers of treatment response in major depressive disorder: An Activation Likelihood Estimation (ALE) meta-analysis. Poster, Society of Biological Psychiatry, San Diego, CA.
- Brown, VM, Lee, JI, King-Casas, B, Chiu, P (2017) Towards targeted training of reinforcement learning alterations in depression. Poster, Society of Biological Psychiatry, San Diego, CA.
- Chiu, P, Lisinski, J, McKinnon, A, Brown, V, McCurry, K, Eltahir, A, King-Casas, B, LaConte, S (2017). Poster, Organization for Human Brain Mapping, Vancouver, Canada.
- Feng, S, Brown, V, Wang, J, Cui, Z, King-Casas, Chiu, P (2017). Association between reward sensitivity and smoking status in individuals with and without major depressive disorder. Poster, Organization for Human Brain Mapping, Vancouver, Canada.
- Lauharatanahirun, N Maciejewski, D Kim-Spoon, J, Chiu, P, King-Casas, B (2017). Effects of home environment on neural correlates of risk processing in adolescents. Poster, Organization for Human Brain Mapping, Vancouver, Canada.
- Orloff, MA, Chung, D, Gu, X, Gao, Z, Song, G, Tatineni, C Wang, X, Xu, S, King-Casas, B, Chiu, PH (2017) Individuals with disrupted access to internal preferences blindly follow social others during risky decision-making. Poster, Organization for Human Brain Mapping, Vancouver, Canada.