

BROOKS R. CASAS, PhD

2 Riverside Circle, R1111
Roanoke, Virginia 24016
bkcasas at vt.edu

EDUCATION AND EMPLOYMENT

2023 - present Professor (with tenure)	Virginia Tech, Fralin Biomedical Research Institute and Department of Psychology, Roanoke/Blacksburg, VA
2016 - 2023 Associate Professor (with tenure)	Virginia Tech, Fralin Biomedical Research Institute and Department of Psychology, Roanoke/Blacksburg, VA
2016 - present Affiliate Faculty	Virginia Tech, School of Neuroscience, Blacksburg, VA
2016 - present Affiliate Faculty	Virginia Tech, Department of Economics, Blacksburg, VA
2013 - present Affiliate Faculty	Virginia Tech, Faculty of Health Sciences, Blacksburg, VA
2011 - present Research Scientist	Salem Veterans Affairs Medical Center, Research Service Line, Salem, VA
2011 - present Faculty	Virginia Tech Carilion School of Medicine, Department of Psychiatry and Behavioral Medicine, Roanoke, VA
2011 - present Core Faculty	Virginia Tech, School of Biomedical Engineering and Sciences, Blacksburg, VA
2010 - 2016 Assistant Professor	Virginia Tech, Fralin Biomedical Research Institute and Department of Psychology, Roanoke/Blacksburg, VA
2008 - 2011 Research Scientist	Michael E DeBakey VA Medical Center, Research Service Line, Houston, TX
2007 - 2010 Assistant Professor	Baylor College of Medicine, Department of Neuroscience and Menninger Department of Psychiatry and Behavioral Sciences, Houston, TX
2005 - 2007 Postdoc Fellow	Baylor College of Medicine, Department of Neuroscience, Houston, TX <u>Mentor:</u> P. Read Montague, PhD
2005 PhD	Harvard University, Cambridge, MA. <u>Field:</u> Psychology (Experimental Psychopathology)
1996 AB	Harvard University, Cambridge, MA <u>Field:</u> Philosophy

AWARDS AND HONORS

2022	Virginia Tech Graduate School, College of Science Outstanding Mentor Award
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2012	Kavli Frontier in Science Fellow, National Academy of Science
2011	Virginia Tech Scholar of the Week
2006 - 2007	Individual Ruth L. Kirschstein National Research Service Award
2006 - 2007	American Psychological Association Diversity Program in Neuroscience Postdoctoral Fellowship (declined)
2002 - 2003	Harvard University Graduate Prize Fellowship
1999 - 2002	Stimson Prize for Research, Harvard University
1999 - 2002	McMasters Prize for Research, Harvard University
1998 - 2001	Ford Foundation Predoctoral Fellowship
1998 - 2000	Sackler Fellowship in Psychobiology
1997 - 1998	Harvard University Graduate Prize Fellowship

PUBLICATIONS

- Kim-Spoon, J, Lee, TH, Clinchard, C, Lindenmuth, M, Brieant, A, Steinberg, L, Deater-Deckard, K, Casas, B. (2023). Brain similarity as a protective factor in the longitudinal pathway linking household chaos, parenting, and substance use. *Biol Psychiatry Cogn Neurosci Neuroimaging*. [doi://10.1016/j.bpsc.2023.04.008](https://doi.org/10.1016/j.bpsc.2023.04.008)
- Herd, T, Jacques, K, Brieant, A, Holl, JG, King-Casas, B, Kim-Spoon, J (2023). Parenting, emotion regulation, and externalizing symptomatology as adolescent antecedents to young adult health risk behaviors. *J Res Adolesc* [doi://10.1111/jora.12831](https://doi.org/10.1111/jora.12831)
- Williams, W, King-Casas, B, Chiu, PH, Sciarino, N, Estey, M, Hunt, C, McCurry, K, Graham, D (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)
- Li M, Lindenmuth M, Tarnai K, 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. *Dev Cogn Neurosci* 2022 57:101139. [doi://10.1016/j.dcn.2022.101139](https://doi.org/10.1016/j.dcn.2022.101139)
- Brieant A, Clinchard C, Deater-Deckard K, Lee J, King-Casas B, Kim-Spoon J. (2022). Differential associations of adversity profiles with adolescent cognitive control and psychopathology. *Res Child Adolesc Psychopathol* [doi://10.1007/s10802-022-00972-8](https://doi.org/10.1007/s10802-022-00972-8)
- 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, Briant 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, 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)
- Briant 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, 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, Zhu L, Solway A, Wang JM, McCurry KL, 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, Sciarrino NA, Esty M, McCurry K, 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)
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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)
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- 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
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- Commentary: Stewart, JL (2019). A computational modeling approach supports negative reinforcement theories of addiction. *Biol Psychiatry Cogn Neurosci Neuroimaging* 4:218-219. doi://10.1016/j.bpsc.2019.01.003
- 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
- Kim-Spoon J, Lauharatanahirun N, 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
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- Kim-Spoon J, Deater-Deckard K, Briant A, Lauharatanahirun N, 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
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- Li M, Lauharatanahirun N, Steinberg L, King-Casas B, Kim-Spoon J, Deater-Deckard K. (2019). Longitudinal link between trait motivation and risk-taking behaviors via neural risk processing. *Dev Cogn Neurosci* 40:100725. doi://10.1016/j.dcn.2019.100725
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- Kim-Spoon J, Kahn RE, Lauharatanahirun N, 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)
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- Kim-Spoon J, Deater-Deckard K, Lauharatanahirun N, 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)
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- [King-Casas, B](#), Tomlin, D, Anen, C, Camerer, CF, Quartz, SR, Montague, PR (2005). Getting to know you: Reputation and trust in a two-person economic exchange. ***Science*** 308:78-83, [doi:10.1126/science.1108062](https://doi.org/10.1126/science.1108062)
 Commentary: Miller, G (2005). Economic game shows how the brain builds trust. ***Science*** 308:36, [doi:10.1126/science.308.5718.36a](https://doi.org/10.1126/science.308.5718.36a)
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- Spitzer, M, [Casas, B](#) (1997). Project for a scientific psychopathology. ***Current Opinion in Psychiatry*** 10:395-401.

RESEARCH SUPPORT

Ongoing Research Support as PI

- | | | |
|---|---------------------------|---------------------|
| R01 DA051573
NIH/NIDA
Social influence on choices in adolescent substance use
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.
Role: PI | King-Casas/Chiu (MPI) | 04/01/21 - 03/31/26 |
| R01 MH122948
NIH/NIMH
Direct sub-second measurement of neuromodulator signaling during risky decision-making
This award will combine electrochemistry and machine learning methods to directly to investigate the neurocomputational role of serotonin, norepinephrine and dopamine in risky choice.
Role: PI | King-Casas/Montague (MPI) | 04/08/20 - 02/28/25 |
| Merit D2354R | King-Casas (PI) | 07/01/18 - 06/30/23 |

VA/RR&D

Efficacy and neural mediators of response to TMT for PTSD

The study will investigate neural mechanisms of treatment using functional magnetic resonance imaging and probes of affective and social behavior.

Role: PI

R01 MH115221

King-Casas (PI)

02/01/18 - 12/31/23

NIH/NIMH

Neurobehavioral mechanisms of social dysfunction in Borderline Personality Disorder

This project will use computational models of social behavior and functional magnetic resonance imaging to evaluate interpersonal dysfunction in Borderline Personality Disorder.

Role: PI

R01 DA036017

King-Casas/Kim-Spoon (MPI) 09/15/13 - 06/30/23

NIH/NIDA

Neurobehavioral determinants of health risk behaviors: From adolescence to young adulthood

This project uses a neuroeconomic approach to study developmental trajectories of risky decision-making in a longitudinal sample transitioning from adolescence into young adulthood.

Role: PI

Ongoing Research Support as Co-Investigator

I21 RX004083-01A1

Holohan (PI)

06/01/22 - 05/31/24

VA/RR&D

Evaluating the impact of supplementing residential substance use treatment with written exposure therapy for Veterans with co-occurring PTSD and substance use disorders

This project aims to assess whether providing written exposure therapy concurrent with residential substance use disorders treatment will optimize access to effective and safe evidence-based treatment that improve symptoms as well as functioning.

Role: Co-I

R01 AA029222

Chiu (PI)

09/20/21 - 05/31/26

NIH/NIMH

Making connections among social ties, neural sensitivity to social signals, and outcomes

This project will test whether sensitivity to social signals influences how social ties yield variability in alcohol use and mood/anxiety outcomes.

Role: Co-I

R01 MH127773

Chiu (PI)

07/21/21 - 06/30/26

NIH/NIMH

Evaluating overlap and distinctiveness in neurocomputational loss and reward elements of the RDoC matrix

This project will delineate relationships among computationally derived components of loss and reward valuation and with symptoms in a large sample of participants with clinically significant mood, anxiety, or anhedonia, and examine how these components change over time and in response to treatment.

Role: Co-I

Ongoing Training/Mentoring Support

R25 DA058482

Hanlon (PI)

05/01/23 - 03/31/28

CUBE: A Collaborative Undergraduate Biostatistics Experience to Diversify and Bring Awareness to the Field of Collaborative Biostatistics

This program will provide an opportunity for underrepresented minority students in STEM from around the country to work together in a vibrant academic collaborative environment with active researchers from a

variety of disciplines related to addiction.

Role: Program Faculty

R25 NS105141 Fox (PI) 01/01/18 - 12/31/22
 NIH/NINDS
 Virginia Tech Carilion Research Institute Translational Neurobiology Summer Undergraduate Research Fellowship
 This program seeks to provide research experiences to undergraduate and high school students in translational neurobiology research and to expose students to independent research early in their careers.
 Role: Program Faculty

R25 GM066534 Smith (PI) 08/04/03 - 06/30/23
 NIH/NIGMS
 The Virginia Tech Postbaccalaureate Research and Education Program
 The research and education program seeks to recruit and prepare postbaccalaureate scholars for admission into competitive and highly selective biomedical and behavioral sciences doctoral programs at research-intensive universities.
 Role: Program Faculty

Completed Support

R25 GM072767 Smith (PI) 01/11/07 - 04/30/23
 NIH/NIGMS
 Virginia Tech – Initiative for Maximizing Student Development (VT-IMSD)
 This training program seeks to develop and train underrepresented minorities in acquiring skills needed to succeed in Ph.D. programs and biomedical and behavioral research.
 Role: Program Faculty

UL1TR003015 DiFeliceantonio (PI) 07/01/20 - 06/30/22
 NIH-CTSA (Univ. of VA flow-thru)
 Neural and metabolic correlates of carbohydrate reward
 The goal of this project is to evaluate the role of metabolic kinetics in food reinforcement and test the hypothesis that, similar to drugs of abuse, the speed at which post-ingestive signals get to the brain influences food preference.
 Role: Mentor

R01 MH115221-02S1 King-Casas (PI) 02/01/18 - 12/31/21
 NIH/NIMH
 Neurobehavioral mechanisms of social dysfunction in borderline personality disorder
 This diversity supplement supports the training and development of a postbaccalaureate trainee.
 Role: PI

N/A Katz (PI) 12/15/17 - 06/30/18
 Adaptive Brain & Behavior Request for Concepts 2017, Virginia Tech
 tDCS modulation of risky decision making
 Seed money support for work focused on modulation of neural mechanisms of risky choice.
 Role: Co-I

N/A Chiu (PI) 12/15/17 - 06/30/18
 Adaptive Brain & Behavior Request for Concepts 2017, Virginia Tech
 Toward mental health through decision neuroscience
 Seed money support for work focused on developing behavioral interventions to modify reinforcement learning abnormalities associated with depression and anxiety.
 Role: Co-I

N/A	King-Casas (PI)	11/15/17 - 06/30/18
Data & Decisions Request for Concepts 2017, Virginia Tech		
Social influence on risky decision-making in adolescents		
Seed money support for work focused on neural mechanisms of social influence in adolescents.		
Role: PI		
N/A	King-Casas/Kim-Spoon (MPI)	12/15/16 - 05/31/17
Institute for Society, Culture and Environment Scholars Program, Virginia Tech		
Neurobehavioral determinants of adolescent substance use and HIV/STD		
Seed money support of resting-state and task-based connectivity analyses of adolescence data.		
Role: PI		
F31 DA042594	Lauharatanahirun (PI)	08/15/16 - 09/14/17
NIH/NIDA		
Neurobehavioral mechanisms of substance use and protective behaviors in adolescents		
This training fellowship will provide training in the use of economic models of choice and neuroimaging to investigate adolescent decision-making related to substance use.		
Role: Sponsor		
R01 MH106756	Chiu (PI)	02/01/16 - 12/31/21
NIH/NIMH		
\$3,577,746 Total Award		
Neural substrates of reinforcement learning and its training in depression		
This project will use neurocomputational methods to study and improve learning in depression.		
Role: Co-I		
R01 HD074574	Ramey/DeLuca (MPI)	03/01/14 - 02/29/20
NIH/NICHHD		
Multisite RCT of 3 neurorehabilitation therapies for infants with asymmetrical CP		
This award will evaluate the effectiveness of constraint-induced movement therapy for infants with cerebral palsy, and use functional near infrared spectroscopy to evaluate therapy-related changes in cortical activity.		
Role: Co-I		
DP7 OD018428	Friedlander/Van Wart (MPI)	09/20/13 - 08/31/20
NIH/OD		
Mentorship and Development Program for Biomedical Trainees (BEST)		
This mentorship and development program will provide early development and guidance for biomedical trainees.		
Role: Program Faculty		
MOE2012-T2-1-051	Hong (PI)	01/01/13 - 12/31/15
Ministry of Education, Singapore / Academic Research Fund		
Discovering the cognitive and neurological basis of cultural competence		
This award examines the acquisition of cultural information in learning and decision-making.		
Role: Collaborator		
N/A	Montague (PI)	05/01/11 - 04/30/18
Wellcome Trust		
Computational neuroscience of social behavior and psychopathology		
This award will support the development of computational models of decision-making to examine developing psychopathologies.		
Role: Collaborator		
B7760P	Williams (PI)	04/01/11 - 03/31/13

VA/RR&D

Neuroimaging the impact of treatment on neural substrates of trust in PTSD

The study will investigate treatment-related changes in neural correlates of interpersonal functioning in OEF/OIF veterans with PTSD.

Role: Co-I

CDA-2 B7496W

Graham (PI)

01/01/11 - 12/31/14

VA/RR&D

Identifying biologic markers for TBI recovery with fMRI and behavioral tests

This award will support mid-career development through a research project investigating recovery-related changes in neural activity and behavioral performance in OEF/OIF veterans with mTBI.

Role: Mentor

R01 MH087692

Chiu (PI)

07/01/10 - 03/31/16

NIH/NIMH

Neurobehavioral metrics for the assessment and treatment of depression

This study will identify quantitative neural predictors of domain-specific response to CBT in depression.

Role: Co-I

R01 MH085496

Montague (PI)

06/15/10 - 03/21/16

NIH/NIMH

Neural economics of biological substrates of valuation

This study will use functional magnetic resonance imaging, staged social interactions, and computational theory to probe the way that humans carry out reciprocal social exchange.

Role: Co-I

R01 MH091872

Chiu (PI)

06/03/10 - 03/31/16

NIH/NIMH

Neuroimaging major depression and nicotine dependence on axes of valuation

The study will identify and refine a common neurobehavioral space within which anomalies of valuation in depression and nicotine dependence may be understood.

Role: Co-I

Merit D7030R

King-Casas (PI)

10/01/09 - 09/30/13

VA/RR&D

Neurobehavioral assessment of interpersonal functioning in PTSD

The study will investigate neural correlates of interpersonal difficulties in OEF/OIF veterans with PTSD.

Role: PI

R21/R33 DA026086

Chiu/LaConte (PIs)

09/15/08 - 06/30/13

NIH/NIDA

Localized and distributed real-time fMRI approaches to facilitate self-control in substance abusers

This study will investigate the utility of real-time neurofeedback as a novel therapeutic approach for the treatment of nicotine abuse.

Role: Co-I

Rehabilitation Research Center of Excellence

Arlinghaus/Levin (PIs)

07/01/09 - 09/30/11

VA/ORD

Neurorehabilitation: Neurons to Networks Center of Excellence

The Center of Excellence will support research on blast-related mild TBI, including neuroimaging research underlying decision-making abnormalities.

Role: Project PI

F32 MH07845

King-Casas (PI)

07/01/06 - 06/30/07

NIH/NIMH

Learning signals within an iterated social exchange

Role: PI

PROFESSIONAL CONTRIBUTIONS

National Scientific Review

NIH Center for Scientific Review (CSR) Advisory Council

2020 - 2021 Ad hoc member, Simplifying Review Criteria (Clinical Trials) Working Group
2020 Ad hoc member, Simplifying Review Criteria (Non-Clinical Trials) Working Group

NIH Institute Service

2022 Member, Mock Review Panel, NIDA Diversity Scholars Network

NIH Study Sections and Special Emphasis Panels

2022 Ad hoc member, Special Emphasis Panel – ZMH1 ERB-S (02), NIMH Biobehavioral Research Awards for Innovative New Scientists
2021 Ad hoc member, Human Complex Mental Functions (HCMF) Study Section
2021 Ad hoc member, Special Emphasis Panel – HCMF-J07, Human Complex Mental Functions
2021 Ad hoc member, Special Emphasis Panel – ZRG1 RPHB M (02), Addiction Risks and Mechanisms Study Section; Interventions to Prevent and Treat Addictions Study Section
2017 Ad hoc member, Special Emphasis Panel – ZRG1 BBBP-J (03), Emotion, Substance Use, and Psychopathology
2017 Ad hoc member, Special Emphasis Panel – ZRG1 BBBP-J (02), Stress & Psychopathology
2015 Ad hoc member, Special Emphasis Panel – ZMH1 ERB-D (03), review for applications to RFA-MH-16-406 Exploratory Clinical Trials of Novel Interventions for Mental Disorders (R61/R33)

VA Office of Research and Development Scientific Review Panels

2022 Ad hoc member, Rehabilitation Research and Development, SPIRE Award Review Panel
2015 Ad hoc member, Rehabilitation Research and Development, Career Development Award Review Panel
2014 Ad hoc member, Rehabilitation Research and Development, Career Development Award Review Panel
2011 Ad hoc member, Rehabilitation Research and Development, Merit Award Review Panel

2010 Ad hoc member, Rehabilitation Research and Development, Merit Award Review Panel
2009 Ad hoc member, Rehabilitation Research and Development, Merit Award Review Panel

International Scientific Review

2022 Grant Reviewer, European Research Council
2018 External Reviewer for Promotion and Tenure, University of Innsbruck
2012 Grant Reviewer, Geneva Clinical Research Center, Switzerland

Editorial Service

2022 - present Review Editor, Frontiers in Behavioral Economics
2022 - present Associate Editor, Frontiers in Psychiatry, Social Cognition
2021 - present Editorial Board Member, Scientific Reports
2017 - 2021 Review Editor, Frontiers in Psychiatry, Social Cognition
2015 - 2020 Review Editor, Computational Psychiatry, MIT Press

Institutional Service

Salem Veterans Affairs Medical Center

2019 - present Member, Research & Development Committee, Research Service Line

Virginia Tech

University:

2021 Senator, Faculty Senate
2021 - 2022 Member, Scholarly Integrity and Research Compliance Usability Committee
2011 - 2012 Member, Advisory Board, Office of Undergraduate Research

College of Science:

2019 - 2020 President, College of Science Faculty Association
2018 - 2021 Member, Steering Committee, College of Science Faculty Association

Fralin Biomedical Research Institute at VTC:

2020 - 2021 Member, Faculty Search Committee, Cognitive and Computational Area
2019 - 2020 Member, Faculty Search Committee, Cognitive and Computational Area
2017 - 2018 Member, Faculty Search Committee, Cognitive and Computational Area
2014 - 2020 Member, Curriculum Committee, Translational Biology Medicine and Health Program

2013 - 2020 Member, Admissions Committee, Translational Biology Medicine and Health Program
2011 - 2012 Member, Faculty Search Committee, Cognitive and Computational Area

School of Neuroscience:

2022 - 2023 Member, Promotion and Tenure Committee

Department of Psychology:

2021 - 2022 Member, Faculty Search Committee, Open Search, 3 positions
2018 - 2019 Member, Faculty Search Committee, Destination Area
2015 - 2016 Member, Faculty Search Committee, Open Search
2011 - present Member, Biological Psychology Graduate Training Area
2011 - present Member, Clinical Science Graduate Training Area

Department of Economics:

2014 - 2015 Member, Faculty Search Committee, Experimental Area

Virginia Tech Carilion School of Medicine:

2011 Member, Research Curriculum Committee

Baylor College of Medicine

College of Medicine:

2009 - 2010 Member, Institutional Diversity Council

Department of Neuroscience:

2009 - 2010 Member, Seminar Series Committee
2007 - 2008 Member, Faculty Search Committee
2006 - 2007 Member, Faculty Search Committee

TEACHING & MENTORING

Postdoctoral fellow training

- (1) Leonardo Barbosa (current; PhD, 2016, Paris Sciences et Lettres – École Normale Supérieure)
- (2) Dong-Youl Kim (current; PhD, 2021, Korea University)
- (3) John Wang (current; PhD, 2020, Virginia Tech)
- (4) Flora Li (PhD, 2019, Virginia Tech); post-doc 2019 - 2020; now tenure-track Assistant Professor at Nanjing Audit University, China
- (5) Lusha Zhu (PhD, 2011, University of Illinois at Urbana-Champaign); post-doc 2012 - 2015; now tenure-track Assistant Professor of Psychology and McGovern Institute, Peking University, China

- (6) Dongil Chung (PhD, 2011, Korea Advanced Institute for Science and Technology); postdoc and Research Scientist 2011 - 2016; now tenure-track Assistant Professor, Ulsan National Institute of Science and Technology, South Korea
- (7) Jason Aimone (PhD, 2011, George Mason University); postdoc 2011 - 2013; now tenured Associate Professor at Baylor University
- (8) George Christopoulos (PhD, 2008, Cambridge University); postdoc 2008 - 2011; now tenured Associate Professor at Nanyang Business School, Nanyang Technical University, Singapore

Predoctoral training

Doctoral students as primary or co-primary mentor, Virginia Tech

- (1) Shuhan Wang (current, Psychology; Biological Psychology Program, PhD expected 2028)
- (2) Kelsey Winkeler (current, Psychology; Clinical Science Program, PhD expected 2027)
- (3) Shivani Goyal (current, Psychology; Clinical Science Program, PhD expected 2027)
- (4) Vansh Bansal (current, Psychology; Clinical Science Program, PhD expected 2026)
- (5) Gates Palissery (current, Translational Biology, Medicine, and Health; PhD expected 2026)
- (6) Natalie Melville (current, Translational Biology, Medicine, and Health; PhD expected 2025)
- (7) Mark Orloff, PhD (2021, Translational Biology, Medicine, and Health); now postdoctoral fellow at UC Davis)
- (8) Zhuoya Cui, PhD (2021, Translational Biology, Medicine, and Health); now industry analyst, Shanghai, China
- (9) Shengchuang Feng, PhD (2020, Psychology; Biological Psychology program); now postdoctoral research fellow at Nanyang Technological University, Singapore)
- (10) Katie McCurry, PhD (2020, Psychology; Clinical Science Program); now T32 postdoctoral fellow at University of Michigan)
- (11) John Wang, PhD (2020, Psychology; Biological Psychology program); now research scientist at Virginia Tech)
- (12) Vanessa Brown, PhD (2018, Psychology; Clinical Science Program); now tenure-track assistant professor at University of Pittsburgh
- (13) Nina Lauharatanahirun, PhD (2017, Psychology; Biological Psychology program); now tenure-track assistant professor at Penn State

Medical students, primary research mentor, Virginia Tech Carilion School of Medicine

- (1) Mathew Kona, MD (2014, residency at UMass Amherst); now radiologist, Hunter Holmes McGuire Veterans Affairs Medical Center-Richmond
- (2) Samuel "Ryan" Key, MD (2014, residency at Emory); now fellow in musculoskeletal radiology, Emory University School of Medicine

Membership on Prelim/Doctoral Committees (not including primary or co-primary advisees)

Virginia Tech:

- (1) Jeffrey Soldate (PhD, 2022, School of Biomedical Engineering)
- (2) Kristin Peviani (PhD, 2022, Psychology, Developmental Science Program)
- (3) Merage Ghane-Ezabadi (PhD, 2021, Psychology, Biological Psychology Program)
- (4) Abdelaziz Alsharawy (PhD, 2021, Economics)
- (5) Toria Herd (PhD, 2021, Psychology, Developmental Science Program)
- (6) Jeffrey Soldate (Prelim, 2021, School of Biomedical Engineering)

- (7) Amnah Eltahir (PhD, 2020, School of Biomedical Engineering)
- (8) James Brown (PhD, 2020, Psychology, Biological Psychology Program)
- (9) Xiaomeng Zhang (PhD, 2020, Economics)
- (10) Alexis Briant (PhD, 2020, Psychology, Developmental Science Program)
- (11) Alisa Huskey (2020, Psychology, Biological Psychology Program)
- (12) Toria Herd (Prelim, 2019, Psychology, Developmental Science Program)
- (13) Amnah Eltahir (Prelim, 2019, School of Biomedical Engineering)
- (14) Andrew Valdespino (PhD, 2019, Psychology, Biological Psychology Program)
- (15) Harshawardhan Deshpande (PhD, 2019, School of Biomedical Engineering)
- (16) Alexis Briant (Prelim, 2018, Psychology, Developmental Science Program)
- (17) Xiaomeng Zhang (Prelim, 2018, Economics)
- (18) James Brown (Prelim, 2017, Psychology, Biological Psychology Program)
- (19) Harshawardhan Deshpande (Prelim, 2017, School of Biomedical Engineering)
- (20) Xiao Yang (PhD, 2017, Psychology, Biological Psychology Program)
- (21) Christopher Holmes (PhD, 2016, Psychology, Developmental Science Program)
- (22) Andrew Valdespino (Prelim, 2015, Psychology, Biological Psychology Program)
- (23) Jared McGinley (PhD, 2015, Psychology, Biological Psychology Program)
- (24) Paul Hill (Prelim, 2014, Psychology, Biological Psychology Program)
- (25) Julie Farley (PhD, 2014, Psychology, Developmental Science Program)

Baylor College of Medicine:

- (1) Ting Xiang (PhD, 2012, Neuroscience)

Post-baccalaureate training

Virginia Tech

- (1) Grace Collins (2021 - present)
- (2) Isaac Levy (2021 - present)
- (3) Alex Pettus (2021 - present)
- (4) Julia Julien (2019 - 2021; supported by by NIH NIH Postbaccalaureate Research Education Award #GM066435 & NIH Research Supplement to Promote Diversity in Health Related Research to R01 #MH115221-02S1)
- (5) Rebecca Faubion-Trejo (2020 - present)
- (6) Katherine Senn (2020 - present)
- (7) Whitney Allen (2018 - 2020)
- (8) Doug Chan (2017 - 2019)
- (9) Brennan Delattre (2016 - 2018)
- (10) Chris Anzalone (2016 - 2018)
- (11) Lauren Reckling (2015 - 2016)
- (12) Riley Palmer (2014 - 2016)
- (13) Rachel Wallace (2014 - 2015)
- (14) Jennifer Nguyen (2014)
- (15) Allison McKinnon (2013 - 2016)
- (16) Cari Rosoff (2012 - 2015)
- (17) Andre Plate (2012 - 2014)
- (18) Kathleen McLachlan (2011 - 2013)
- (19) Brittany Hamilton (2011 - 2013)
- (20) Jennifer Lent (2011 - 2012)
- (21) Andrew Valdespino (2011)
- (22) Katie McCurry (2010 - 2012)

Baylor College of Medicine

- (1) Katherine Gardner (2010 - 2012)
- (2) Nina Lauharatanahirun (2010 - 2011; supported by NIH Research Supplement to Promote Diversity in Health Related Research to R01 #MH091872-01S1)
- (3) Cristina Tortarolo (2010)
- (4) Jessica Eiseman (2009 – 2011)
- (5) Alex Acevedo-Rodriguez (2009 - 2010; supported by NIH Postbaccalaureate Research Education Award #GM069234)
- (6) Charles Carlos (2009; supported by NIH Postbaccalaureate Research Education Award #GM069234)
- (7) James Sharp (2009 - 2010)
- (8) April Sanders (2008 - 2009)
- (9) LaRaun Lindsey (2007 - 2013; supported by NIH Postbaccalaureate Research Education Award #GM069234)
- (10) Julie Brovko (2007 - 2009)

Undergraduate training

Virginia Tech

- (1) Justin Cox (2016; supported by NIH Bridges to Baccalaureate Program Award #GM107749)
- (2) Jennifer Nguyen (2013)
- (3) Jim Pecsok (2013, intern from William & Mary)
- (4) Stephanie Wiltman (2012-2013)
- (5) Zac Robertson (2012)
- (6) Erica Denfield (2011-2012)
- (7) Diandra Gordon (2011; supported by Department of Education McNair TRIO program)
- (8) Winston Kennedy (2011; supported by Department of Education McNair TRIO program)
- (9) Joseph Koefer (2011, intern from Virginia Western Community College)
- (10) Philipp Kotlaba (2011)
- (11) Kathleen McLachlan (2011)

Baylor College of Medicine / Rice University

- (1) Grace Chang (2010)
- (2) Stephanie Regan (2010, intern from Harvard University)
- (3) Spencer Boucher (2009)
- (5) Allen Liao (2009)
- (6) Sam Soundar (2008 - 2010)
- (7) Christina Brovko (2008, intern from UC Riverside)
- (8) Magdalena Wistuba (2007 - 2010)

High School training

- (1) Shreya Madan (2022)

Teaching

Virginia Tech

2022	Lecturer, Carilion Clinic Department of Psychiatry Journal Club. “Peer information in risky decision-making”
2018, 2020	Course Director and Instructor, Virginia Tech. “Fundamentals of Cognitive Brain Science” (TBMH 5074, 4 credit)
2017, 2020	Lecturer, Virginia Tech. (TBMH 5004, “Translational Biology, Medicine, and Health”; Course Instructor Michael Friedlander)
2015 - 2017	Course Director and Instructor, Virginia Tech, “Fundamentals in Brain and Cognitive Science” (TBMH 5014, 8-credit course)
2014, 2015	Lecturer, Virginia Tech. “Neuroeconomic approaches to studying psychiatric illness.” (NEUR 4984, “Neuroeconomics”; Course Instructor Sheryl Ball)
2013	Course Director, Virginia Tech. “Advanced Topics in Decision Neuroscience” (PSYC 6954, 3 credit)
2012	Lecturer, Virginia Tech. “Valuation in social choice: Neural correlates of other-regarding preferences.” (ECON 5964, “Experimental Economics”; Course Instructor Sheryl Ball)
2011	Lecturer, Virginia Tech Carilion School of Medicine. (Research Domain, 1 st Year Medical Student Class; Course Coordinator Michael Friedlander)
2009	Lecturer, Baylor College of Medicine. “Neuroimaging and social neuroscience.” (Course number 350-444, “Brain Imaging from Cell to System”; Course Coordinator Peter Saggau)
2008	Lecturer, University of Texas Graduate School of Biomedical Sciences. “Introduction to social neuroscience.” (Course number GS02 0043, “Introduction to fMRI”; Course Coordinator Michael Beauchamp)
2002	Teaching Fellow, Harvard University. Mood Disorders (PSY 1855)
1999 - 2001	Teaching Fellow, Harvard University. Psychophysiology (PSY 1802)
1999 - 2001	Teaching Fellow, Harvard University. Laboratory in Psychophysiology (PSY 1856r)

INVITED PRESENTATIONS

- King-Casas, B (2019). Borderline personality disorder modulates neurocognitive mechanisms and cooperative behavior in Trust Game. *7th Annual Conference of the North American Society of Personality Disorders*, Pittsburgh, PA.
- Zhu, L, Chiu, P, King-Casas, B (2015). Neural computations underlying actions in social hierarchy. *5th Annual Interdisciplinary Symposium on Decision Neuroscience*, Cambridge, MA
- King-Casas, B. (2014). Neural computations of social dominance. *4th International Conference on Neuroeconomics and Neuromanagement*. Zhejiang University, Hangzhou, China.
- King-Casas, B. (2014). Neural computations of social behavior and dysfunction. *Virginia Tech Carilion Research Institute*.
- King-Casas, B. (2013). Neural computations of cooperation and aggression. *Virginia Tech Carilion Research Institute European–U.S. Workshop on the Neuroscience of Cognition, Computation, and Decisions*, Lugano, Switzerland.
- King-Casas, B. (2013). Neuroeconomic approaches to social dysfunction in PTSD. *Virginia Tech, Dept of Psychology, Clinical Research Fair*.
- King-Casas, B. (2012). Neuroimaging social decision-making in psychiatric illness. *Grand Rounds, Department of Psychiatry and Behavioral Sciences, Virginia Tech Carilion School of Medicine, Roanoke, VA*.
- King-Casas, B. (2012). Neurometrics of social functioning in posttraumatic stress disorder. *Department of Psychology, University of Hawaii at Hilo, Hilo, HI*.
- King-Casas, B. (2012). Neuroeconomics of trust in psychiatric illness. *Department of Agricultural Economics, Virginia Tech, Blacksburg, VA*.
- King-Casas, B. (2012). *Neuroimaging interpersonal functioning in PTSD & mTBI. Mental Health Care Line*, Salem VA Medical Center, Salem, VA.

- King-Casas, B. (2012). *Neurobehavioral Assessment of Functioning in PTSD. Mental Health Care Line.* Salem VA Medical Center, Salem, VA.
- King-Casas, B. (2011). Value-learning in social contexts: Neural correlates of choice in social groups. *Department of Psychology, Stanford University, Palo Alto, CA.*
- King-Casas, B. (2011). Neural correlates of dominance in an iterated resource contest. *Affective Science Meeting, Stanford University, Palo Alto, CA.*
- King-Casas, B. (2011). Value-learning in social contexts: Neural correlates of choice in social groups. *Department of Psychology, University of California, Berkeley, Berkeley, CA.*
- King-Casas, B. (2011). Conflicts-of-interest in social decision-making. *Center for Mind/Brain Sciences, University of Trento, Trento, Italy.*
- King-Casas, B. (2011). Neuroeconomics of social decision-making. *Grand Rounds, Department of Psychiatry, Zucker Hillside Hospital, Glen Oaks, NY.*
- King-Casas, B. (2011). Valuation in social choice: Neural correlates of social value-learning. *ICES Experimental Economics Seminar, George Mason University, Fairfax, VA.*
- King-Casas, B, Christopoulos, G. (2011). Adding the principle of inhomogeneity to social computational neuroscience. *Organization for Human Brain Mapping, Quebec, Canada.*
- King-Casas, B. (2011). Value and risk in cooperative and competitive social dilemmas. *Nanyang Business School, Nanyang Technical University, Singapore.*
- Aimone, JA, Eiseman, J, Graham, D, Frueh, BC, McCurry, K, Chiu, P, King-Casas, B. (2011). PTSD, trust and the brain in combat veterans. *Regional Economic Science Association Conference, Tuscon, AZ.*
- Aimone, JA, Eiseman, J, Graham, D, Frueh, BC, McCurry, K, Chiu, P, King-Casas, B. (2011). Combat veterans and trust: the neuroeconomics of PTSD. *Department of Economics, Virginia Tech, Blacksburg, VA.*
- King-Casas, B (2010). Conflict-of-interests and social value learning. *Department of Psychology, University of New Mexico, Albuquerque, NM.*
- King-Casas, B (2010). Value, motivation and learning in social dilemmas. *Brain and Cognitive Sciences Department & McGovern Institute, Massachusetts Institute of Technology, Cambridge, MA.*
- King-Casas, B (2010). Neuroimaging social behavior in borderline personality disorder. *American Psychiatric Association. New Orleans, LA.*
- Christopoulos, G, King-Casas, B (2010). Social orientation dependent learning of social outcomes. *American Psychological Society, Boston, MA.*
- King-Casas, B. (2010). Neural substrates of reciprocity in cooperative and non-cooperative interactions. *Department of Psychology, University of Aarhus, Aarhus, Denmark.*
- King-Casas, B. (2010). Value-learning in social contexts: Neural correlates of choice in social groups. *Interacting Minds Project, University of Aarhus, Aarhus, Denmark.*
- King-Casas, B. (2010). Neural correlates of social dominance in a multi-round dictator game. *Association for Behavioral and Cognitive Therapies, San Francisco, CA.*
- King-Casas, B (2009). Self-interest and the interests of others in interpersonal choice. *Social Neuroscience meets Microsociology and Neuroeconomics, Satellite Symposium, Society for Neuroscience, Chicago, IL.*
- King-Casas, B (2007). Behavioral and neural mechanisms of trust in individuals with borderline personality disorder. *American Psychiatric Association, San Diego, CA.*
- King-Casas, B (2007). Imaging disordered cooperation in an iterated social exchange. *Department of Neuroscience, Baylor College of Medicine, Houston, TX.*
- King-Casas, B (2007). Economic exchange in social pathologies. *Neural Basis of Reward and Punishment Meeting, Instituto Gulbenkian de Ciencia. Lisbon, Portugal.*
- King-Casas, B (2007). Imaging disordered cooperation in a two-person economic exchange. *Gatsby Computational Neuroscience Unit, University College London, London, UK.*
- King-Casas, B (2008). Imaging disordered cooperation in a two-person economic exchange. *Psychiatry Residents Seminar Series, Baylor College of Medicine, Houston, TX.*
- King-Casas, B (2006). Neuroimaging the value of ideas. *DSRC Epidemiology of Ideas Workshop II, San Francisco, CA.*
- King-Casas, B (2006). Neuroimaging: Trust and the brain in BPD. *Recent Scientific and Treatment Advances in Borderline Personality Disorder, Baylor College of Medicine, Houston, TX.*
- King-Casas, B (2006). Imaging disordered cooperation in an iterated social exchange. *NSDM seminar,*

Department of Psychology, Princeton University, Princeton, NJ.

- King-Casas, B (2006). Social decision making: Imaging healthy and disordered trust. *European Congress on Visual Perception*, St. Petersburg, Russia.
- King-Casas, B (2006). Betrayal and coaxing in an iterated social exchange. *Rush and Helen Record Forum, Department of Neuroscience, Baylor College of Medicine*, Houston, TX.
- King-Casas, B (2005). Hyperscanning of trust and reciprocity. *Department of Psychiatry, University of Ulm, Ulm, Germany*.
- King-Casas, B (2005). Getting to know you: Reputation and trust in a two-person economic exchange. *Econometrics Society World Congress*, London, UK.
- King-Casas, B (2005). Functional neuroimaging of social interactions. *American Academy of Child and Adolescent Psychiatry*, Toronto, Canada.
- King-Casas, B (2005). Functional magnetic resonance imaging. *New Methods for Studying Social Behavior, Workshop Sponsored by NSF Political Science Program and Rice University*, Houston, TX.
- King-Casas, B (2005). Cooperation and defection in an iterated trust exchange. *Institute for Empirical Research in Economics, University of Zurich*, Zurich, Switzerland.
- King-Casas, B (2004). Neural correlates of reciprocity and reputation in a monetary exchange game. *Neuroeconomics*, Kiawah, SC.

SYMPOSIA AND POSTER PRESENTATIONS

- Cui, Z, Zhu, L, Vilares, I, Wang, JM, Bansal, V, Chiu, PH, King-Casas, B (2022). Behavioral and neural alterations in cooperative behavior in depression. Poster, Society for Neuroeconomics, Arlington, VA.
- Melville N, Li F, Ball S, Kim-Spoon J, Chiu P, King-Casas B. (2022). Known probability information influences how adolescents respond to ambiguity. Poster, Society for Neuroeconomics, Arlington, VA.
- Wang, JM, Cui, Z, Brown VM, Solway, A, Zhu, L, Kim-Spoon, J, Chiu, PH, King-Casas, B (2022). Diminished development of risk learning in adolescence is associated with increased real-world risk-taking behavior. Poster, Organization for Human Brain Mapping, Glasgow, Scotland.
- Melville, N, Lohrenz, T, White, J, Barbosa, L, Twomey, T, Batten, S, Lee, J, Ball, S, Witcher, M, Montague, PR, Chiu, PH, King-Casas, B. (2022) Dopamine and norepinephrine opponency during reward anticipation. Poster, Society for Biological Psychiatry, New Orleans, LA, USA.
- Bansal, V, McCurry, Wang, JM, Brown, VM, Kim, D-Y, Lisinski, J, LaConte, S, King-Casas, B, Chiu, PH (2022). Neural substrates of reinforcement learning predict depression remission. Poster, Society for Biological Psychiatry, New Orleans, LA, USA.
- Goyal, S, Wang, JM, Brown, VM, Lee, J, King-Casas, B, Chiu, PH (2022). Developing a multi-session behavioral paradigm targeting reward learning-related neuromechanistic dysfunction in major depressive disorder. Poster, International Precision Neuroscience Conference, Roanoke, VA, USA.
- Winkeler, K, Wang, JM, Sankarasubramanian, N, Cunningham, K, Marston, E, Hurd, L, Usala, J, Jameson, M, Frueh, BC, Chiu, PH, King-Casas, B. (2022). Treatment-Related Change in Trust in Post-Traumatic Stress Disorder (PTSD). Poster, International Precision Neuroscience Conference, Roanoke, VA, USA.
- Clinchard, C., Lee, T., Briant, 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/NIAAAA 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 rtfMRI 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., Brieant, 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., Brieant, 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.
- 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, 25th 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, Lauharatanahirun, 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.
- Ball, S, Lauharatanahirun, N, Kim-Spoon, J, Chiu, P, & King-Casas, B. (2016). Is Poor adolescent decision making driven by preferences for risk or ambiguity? some behavioral and neural evidence. Paper, Southern Economic Association, Washington DC.
- Brieant, A, Kahn, R, Holmes, C, King-Casas, R, & Kim-Spoon, J. (2016). Parent executive function regulates parent impulsivity effects on adolescent executive function. Poster, Society for Research on Adolescence, Baltimore, MD.
- Hochgraf, A, Kahn, R, King-Casas, R, & Kim-Spoon, J. (2016). An investigation of the role of emotional reactivity in the link between parental hostility and distorted body image. Poster, Society for Research on Adolescence, Baltimore, MD.
- Holmes, C, Kahn, R, Deater-Deckard, K, & Kim-Spoon, J. (2016). Family environment effects on developmental trajectories of self-control and adolescent risk taking. Paper presented at the meeting of Society for Research on Adolescence, Baltimore, MD.
- Holmes, C, Reese, M, Valero, M, King-Casas, B, & Kim-Spoon, J. (2016). Adolescent religiousness is associated with sensation seeking and rule breaking behaviors via effortful control. Poster, Society for Research on Adolescence, Baltimore, MD.
- Kahn, R, Barnard, K, King-Casas, B, & Kim-Spoon, J. (2016). Intergenerational similarity in callous-unemotional traits: contributions of hostile parenting and household chaos. Poster, Society for Research on Adolescence, Baltimore, MD.
- Kahn, R, Lauharatanahirun, N, Hochgraf, A, King-Casas, B, & Kim-Spoon, J. (2016). Clarifying the role of pubertal development in the association between reward sensitivity and risk-taking indicators. Poster, Society for Research on Adolescence, Baltimore, MD.
- Kim-Spoon, J, Hochgraf, A, King-Casas, B, & Bell, M. A. (2016). Effortful control vs. executive functioning related to psychopathology in childhood and adolescence. Poster, Society for Research on Adolescence, Baltimore, MD.
- Kim-Spoon, J, Holmes, C, Deater-Deckard, K, Chiu, P, & King-Casas, B. (2016). Cognitive control moderates effects of reward sensitivity on adolescent substance use onset. Poster, Society for Research on Adolescence, Baltimore, MD.
- Peviani, K, Kahn, R, King-Casas, R, & Kim-Spoon, J. (2016). The mediating role of parental inhibitory control in the link between parent and adolescent delay discounting. Poster, Society for Research on Adolescence, Baltimore, MD.
- Feng, S, Brown, V, Wang, J, Cui, Z, King-Casas B, & Chiu P. (2016). Reward learning in smoking and depression. Poster, Virginia-Nordic Precision Neuroscience Conference. Roanoke, VA.
- Brown, VM, Zhu, L, Wang, JM, Frueh, BC, King-Casas, B, Chiu, PH (2016). Heightened neurobehavioral substrates of associability-based learning in posttraumatic stress disorder. Poster, Society of Biological Psychiatry, Atlanta, GA.
- Brown, VM, Zhu, L, Wang, JM, Solway, A, King-Casas, B, Chiu, P (2016). Neurobehavioral effects of cognitive-behavioral therapy on depression-related disruptions in reinforcement learning. Talk presented at FENS Brain Conference on New Insights into Psychiatric Disorders through Computational, Biological and Developmental Approaches, Copenhagen, Denmark.
- McCurry, K, Frueh, BC, Chiu, P, King-Casas, B (2016). Opponent effects of hyperarousal and re-experiencing on habituation to emotional information in PTSD. Poster, Association for Behavioral and Cognitive Therapies, New York, NY.
- McCurry, K, Lisinski, J, LaConte, S, Chiu, P, King-Casas, B (2016). Development of a neural model of affective states for use in real-time neurofeedback. Poster, Neurocognitive

- Therapies/Translational Research Special Interest Group at the annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.
- Brown, VM, Wang, JM, Zhu, L, King-Casas, B, Chiu, P (2016). Clinical, behavioral, and neural correlates of reinforcement learning in depression. Poster, Association for Behavioral and Cognitive Therapies, New York, NY.
- Brown, VM, King-Casas, B, Chiu, P (2016). From reinforcement learning to behavioral treatment of depression. Talk presented at Society of Biological Psychiatry, Atlanta, GA.
- Lauharatanahirun, N, Ball, S, Aimone, J, Chiu, P, Kim-Spoon, J, King-Casas, B (2015) Neuroeconomic predictors of health risk behaviors in adolescents. Poster, Organization for Human Brain Mapping, Honolulu, Hawaii.
- Chung, D, De La Garza, R, Newton, T, McCurry, K, King-Casas, B, Chiu, P (2015) Neurobehavioral evidence for cognitive enhancement in cocaine dependent individuals. Poster, Organization for Human Brain Mapping, Honolulu, Hawaii.
- Kim-Spoon, J, Chiu, P, Deater-Deckard, K, Farley, J, Lauharatanahirun, N, Bickel, W, King-Casas, B (2015) A neurobehavioral study of the interaction between risk sensitivity and cognitive control predicting adolescent risk taking. Society for Research on Child Development, Philadelphia, PA.
- Kim-Spoon, J, Kahn, R, Faris, K, Deater-Deckard, K, Chiu, P, King-Casas, B (2015). The association between laboratory risky decision-making and real-life health risk behaviors among adolescents and adults. Society for Research on Child Development, Philadelphia, PA.
- Kahn, R, Kim-Spoon, J, Deater-Deckard, K, Chiu, P, King-Casas, B (2015). An examination of the interaction between risk sensitivity and inhibitory control related to young adults' substance use. Society for Research on Child Development, Philadelphia, PA.
- Zhu, L, Wang, J, Ball, S, Hsu, M, Chiu, P, King-Casas, B (2015). The value of honesty: Neural evidence for lie-averse preferences. 5th Annual Interdisciplinary Symposium on Decision Neuroscience, Cambridge, MA.
- Chung, D, Christopoulos, G, King-Casas, B, Ball, S, Chiu, P (2015). Others' choices increase subjective value and explain asymmetric alignment with safety and risk. 5th Annual Interdisciplinary Symposium on Decision Neuroscience, Cambridge, MA.
- Brown, V, Wang, J, Zhu, L, King-Casas, B, Chiu, P (2014) Disrupted reinforcement learning in posttraumatic stress disorder. Poster, Organization for Human Brain Mapping, Hamburg, Germany.
- Chung, D, Aimone, J, Nguyen, L, McKinnon, A, Plate, A, King-Casas, B, Chiu, P (2014) Neural substrates of trust and diminishing motivations of generosity. Poster, Organization for Human Brain Mapping, Hamburg, Germany.
- Lauharatanahirun, N, Kim-Spoon, J, Chiu, P, King-Casas, B (2014). Neural correlates of risk processing and expectation of uncertainty in adolescents. Poster, Organization for Human Brain Mapping, Hamburg, Germany.
- McCurry, K, Lisinski, J, LaConte, S, Chiu, P, King-Casas, B (2014) Development of a group affective brain model for use in real-time fMRI. Poster, Organization for Human Brain Mapping, Hamburg, Germany.
- Wang, J, Zhu, L, De La Garza, R, Newton, T, McCurry, K, King-Casas, B, Chiu, P (2014) Cocaine use modulates neurobehavioral substrates of loss aversion in a probabilistic learning task. Poster, Organization for Human Brain Mapping, Hamburg, Germany.
- Brown, V, Wang, J, Zhu, L, Rosoff, C, King-Casas, B, Chiu, P (2014) Reinforcement learning predictors of response to CBT in depression. Poster, Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
- Nagrani, S, Chung, D, Chiu, P (2014) A study of risky decision-making in major depressive disorder. Poster, Society for Judgment and Decision Making, Long Beach, CA.
- Aimone, J, Williams, McCurry, K, Frueh, B, Graham, D, Chiu, P, King-Casas, B (2013) The influence of cognitive processing therapy upon remediation of neural social prediction error signaling in PTSD. Poster, Society for Neuroscience, New Orleans, LA.
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- Chiu, P, Lisinski, J, Plate, A, King-Casas, B, Eagleman, D, Cinciripini, P, LaConte, S (2013) Modulating 'crave' and 'don't crave' brain states using real-time fMRI neurofeedback. Poster, Organization for Human Brain Mapping, Seattle, WA.

- Chung, D, Christopoulos, G, Newton, T, De La Garza, R, King-Casas, B, Chiu, P (2013) Cocaine addicts show increased susceptibility to social influence during risky decision making. Poster, Society for Neuroscience, New Orleans, LA.
- Jenkins, A, Zhu, L, Set, E, Scabini, D, Knight, R, Chiu, P, King-Casas, B, Hsu, M (2013) Dissociable neural mechanisms underlying honesty and altruism. Poster, Society for Neuroscience, New Orleans, LA.
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- Zhu, L, Set, E, Hsu, M, Ball, S, Chiu, P, King-Casas, B. (2013) The value of honesty: Neural evidence for lie-averse preferences. Poster, Society for Neuroscience, New Orleans, LA.
- Aimone, JA, Ball, S, King-Casas, B. (2012) Anxiety, betrayal aversion, and the growth of interpersonal trust. Poster, North-American Economic Science Association Conference, Tucson, AZ.
- Aimone, J, McCurry, K, McNamara, R, Frueh, B, Chiu, P, King-Casas, B (2012) Neural substrates of interpersonal dysfunction in PTSD: Trust without reward. Poster, Society for Neuroscience, New Orleans, LA.
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- McCurry, K, Lindsey, L, McNamara, R, LaConte, S, Frueh, B, King-Casas, B, Chiu, P (2012) Brain state classification of PTSD and comorbid conditions using neural responses to emotional images. Poster, Society for Neuroscience, New Orleans, LA.
- Wang, J, Zhu, L, Tankersley, D, De LaGarza, R, Newton, T, McCurry, K, King-Casas, B, Chiu, P (2012) Neural substrates of learning and valuation in cocaine dependent individuals. Poster, Society for Neuroscience, New Orleans, LA.
- Wang, J, Zhu, L, Tankersley, D, Christopoulos, G, King-Casas, B, Chiu, P (2012) The interaction of feedback and context on learning preferences. Poster, Organization for Human Brain Mapping, Beijing, China.
- Zhu, L, Chiu, P, King-Casas, B (2012) Neural computations underlying actions in social hierarchy. Poster, Society for Neuroscience, New Orleans, LA.
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- Zhu, L, Chiu, P, King-Casas, B (2012). "Neural mechanisms of social learning in an iterated resource competition. Poster, National Academy of Sciences - Kavli Frontiers of Science Symposium, Irvine, CA.
- McCurry, K, Lauharatanahirun, N, De La Garza, R, Newton, T, Chiu, P, King-Casas, B (2011) Neurobehavioral effects of cocaine use in a social dominance task. Poster, Organization for Human Brain Mapping, Quebec, Canada.
- Lauharatanahirun, N, Christopoulos, G, Regan, S, King-Casas, B (2011) Neural correlates of risk and ambiguity in a social decision-making. Poster, Organization for Human Brain Mapping, Quebec, Canada.
- Gordon, D, McCurry, K, King-Casas, B, Chiu, P (2011) People's addiction to people: Quantifying trust in interpersonal relationships. Poster, McNair Scholars Summer Research Program Conference, Virginia Tech, Blacksburg, VA.
- Kennedy, W, Lauharatanahirun, N, McCurry, K, Chiu, P, King-Casas, B (2011) The effects of risk preference on risk pooling. Poster, McNair Scholars Summer Research Program Conference, Virginia Tech, Blacksburg, VA.
- Lauharatanahirun, N, Christopoulos, G, Regan, S, King-Casas, B (2011) Behavioral and neural mechanisms of risk in social decision-making. Poster, Society for Neuroscience, Washington, DC.

- McCurry, K, Eiseman, J, Gardner, K, Chiu, P, Williams, W, King-Casas, B (2011) Impact of group psychotherapy on neural correlates of trust in veterans with PTSD. Poster, Society for Neuroscience, Washington, DC.
- Williams, W, Eiseman, J, McCurry, K, Chiu, P, King-Casas, B (2011) The effectiveness of group psychotherapy in improving trust in veterans with PTSD. Poster, International Society for Traumatic Stress Studies, Baltimore, MD.
- Tankersley, D, Christopoulos, G, King-Casas, B, Chiu, P (2010) Punishment sensitivity predicts BOLD response to prediction errors in reward and avoidance learning. Poster, Organization for Human Brain Mapping, Barcelona, Spain.
- Chiu, P, Lisinski, J, King-Casas, B, Sharp, J, Eagleman, D, Versace, F, Cinciripini, P, LaConte, S (2010) Modulating “crave” and “don’t crave” brain states with real-time fMRI neurofeedback in smokers. Poster, Organization for Human Brain Mapping, Barcelona, Spain.
- Christopoulos G, King-Casas, B (2010) Prediction errors during social resource allocation learning depend on social value orientation. Poster, Organization for Human Brain Mapping, Barcelona, Spain.
- McCurry, K, Brown, G, De la Garza, R, Newton, T, Chiu, P, King-Casas, B (2010) Neural correlates of aggression in cocaine dependent individuals. Poster, Society for Neuroscience, San Diego, CA.
- King-Casas, B, Christopoulos, G (2010). The neurobiology of diffusion of responsibility in social dilemmas. Poster, Society for Neuroscience, San Diego, CA.
- Acevedo-Rodriguez, A, Christopoulos, G, Sharp, C, Fonagy, P, Montague, R, King-Casas, B (2010) Behavioral and neural correlates of trust in major depressive disorder. Poster, Society for Neuroscience, San Diego, CA.
- Eiseman, J, Graham, D, Frueh, BC, Kosten, T, Chiu, P, King-Casas, B (2010) Neural substrates of interpersonal function in post-traumatic stress disorder. Poster, Society for Neuroscience, San Diego, CA.
- Lindsey, L, McCurry, K, Patel, HR, LaConte, S, De la Garza, R, Newton, T, King-Casas, B, Chiu, PH (2010) Neural substrates of drug use, craving, and executive control in cocaine users. Poster, Society for Neuroscience, San Diego, CA.
- Christopoulos, G, King-Casas, B (2010) Behavioral and neuronal mechanisms underlying reinforcement learning of social stimuli. Poster, Society for Neuroscience, San Diego, CA.
- Tankersley, D, McCurry, K, Newton, T, De la Garza, R, Christopoulos, G, King-Casas, B, Chiu, P (2010) Reward and punishment learning associated with differential response to positive and negative prediction errors in stimulant-dependent subjects. Poster, Society for Neuroscience, San Diego, CA.
- Lindsey, LD, Eiseman, J, Graham, D, Frueh, B, Kosten, T, King-Casas, B, Chiu, PH (2010) Neuroimaging affective phenotypes in depression and post-traumatic stress disorder. Poster, Society for Neuroscience, San Diego, CA.
- LaConte, S, King-Casas, B, Lisinski, J, Lindsey, L, Eagleman, DM, Cinciripini, PM, Versace, F, Chiu, PH (2009). Modulating real-time fMRI neurofeedback interfaces via craving and control in chronic smokers. Poster, Organization for Human Brain Mapping, San Francisco, CA.
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- King-Casas, B, Tomlin, D, Anen, C, Camerer, CF, Quartz, SR, Montague, PR (2005). Getting to know you: Trust and reputation in a two-person economic exchange. Poster, Organization of Human

Brain Mapping, Toronto, Canada.

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