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EMPLOYMENT

- Professor of Psychiatry, University of Wisconsin-Madison, 2020-present
- Associate Professor of Psychiatry, University of Wisconsin-Madison, 2014-2020
- Assistant Professor of Psychiatry, University of Wisconsin-Madison, 2008-2014

EDUCATION and TRAINING

- Postdoctoral research fellow, National Institutes of Health (NINDS), 2006-2008
- Ph.D., Neuroscience, University of Iowa, 2002-2006
- B.S., Neurobiology, University of Wisconsin-Madison, 1998-2002

AWARDS

- Finalist, Society of Biological Psychiatry Ziskind-Somerfeld Research Award (2016)
- NIMH Mentored Research Scientist Development Award (2009)
- D.C. Priestestersbach Outstanding Dissertation Prize (2007)
- National Science Foundation Graduate Research Fellowship (2004-2006)
- Walter R. Ingram Award for Superior Achievement in Medical Neuroscience (2003)

ORIGINAL RESEARCH ARTICLES

68. Weaver SS, Dargis M, Kiehl KA, and Koenigs M. (in press) Criminal histories and rates of recidivism among two subtypes of psychopathic individuals. *Criminal Justice and Behavior*

67. Hiser JS, Schneider BS, and Koenigs M. (2021) Uncertainty potentiates neural and cardiac responses to visual stimuli in anxiety disorders. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6, 725-734.

66. Weaver SS, Kroska EB, Ross MC, Sartin-Tarm A, Sellnow KA, Schaumberg K, Kiehl KA, Koenigs M, and Cisler J. (2020) Sacrificing Reward to Avoid Threat: Characterizing PTSD in the Context of a Trauma-Related Approach-Avoidance Conflict Task. *Journal of Abnormal Psychology*, 129, 457-468.

65. Deming P, Dargis M, Haas BW, Brook M, Decety J, Harenski C, Kiehl KA, Koenigs M, and Kosson DS. (2020) Psychopathy is associated with fear-specific reductions in neural activity

during affective perspective-taking. *NeuroImage*, 223, 117342

64. Sajous-Turner A, Anderson NE, Widdows M, Nyalakanti P, Harenski KA, Harenski CL, Koenigs M, Decety J, and Kiehl KA. (2020) Aberrant brain gray matter in murderers. *Brain Imaging and Behavior*, 14, 2050-2061.

63. Pardini M, Grafman J, Raymond V, Amore M, Serafini G, Koenigs M, and Krueger F. (2020) Left rostrolateral prefrontal cortex lesions reduce suicidal ideation in penetrating traumatic brain injury. *CNS Spectrums*, 25, 24-31.

62. Espinoza F, Anderson NE, Vergara VM, Harenski CL, Decety J, Rachakonda S, Damaraju E, Koenigs M, Kosson D, Harenski KA, Calhoun VD and Kiehl KA. (2019) Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. *NeuroImage: Clinical*, 24, 101970.

61. Anderson NE, Harenski KA, Harenski CL, Koenigs M, Decety J, Calhoun C, and Kiehl KA. (2019) Machine learning of brain gray matter differentiates sex in a large forensic sample. *Human Brain Mapping*, 40, 1496-1506.

60. Dargis M, Caldwell M, Sitney M, Edwards B, Caldwell B, Harenski CL, Anderson NE, Van Rybroek G, Koenigs M, and Kiehl KA (2019) Development of an expert-rate assessment of trauma history in a high-risk youth forensic sample. *Psychological Trauma: Theory, Research, Practice, and Policy*, 11, 713-721.

59. Kiehl KA, Anderson NE, Aharoni E, Maurer JM, Harenski KA, Rao V, Claus ED, Harenski C, Koenigs M, Decety J, Kosson D, Wager T, Calhoun VD, and Steele VR. (2018) Age of gray matters: Neuroprediction of recidivism. *Neuroimage: Clinical*, 19, 813-823.

58. Simmonite M, Harenski C, Kiehl KA, Koenigs M, and Kosson DS. (2018) Testing the Left Hemisphere Activation hypothesis in psychopathic offenders using the Stroop task. *Personality and Individual Differences*, 135, 182-187.

57. Dargis M and Koenigs M. (2018) Personality traits differentiate subgroups of criminal offenders with distinct cognitive, affective, and behavioral profiles. *Criminal Justice and Behavior*, 45, 984-1007.

56. Miskovich TA, Anderson NE, Harenski CL, Harenski KA, Baskin-Sommers AR, Larson CL, Newman JP, Hanson JL, Stout DM, Koenigs M, Shollenbarger SG, Lisdahl KM, Decety J, Kosson DS, Kiehl KA. (2018) Abnormal cortical gyrification in criminal psychopathy. *NeuroImage: Clinical*, 19, 876-882.

55. Dargis M, Wolf RC, and Koenigs M. (2018) Psychopathic traits are associated with reduced fixations to the eye region of fearful faces. *Journal of Abnormal Psychology*, 127, 43-50.

54. Crooks D, Anderson NE, Widdows M, Petseva N, Koenigs M, Pluto C, and Kiehl KA. (2018) The relationship between cavum septum pellucidum and psychopathic traits in a large forensic sample. *Neuropsychologia*, 112, 95-104.
53. Deming P, Philippi CL, Wolf RC, Dargis M, Kiehl KA, and Koenigs M. (2018) Psychopathic traits linked to alterations in neural activity during personality judgments of self and others. *Neuroimage: Clinical*, 18, 575-581.
52. Espinoza F, Vergara V, Reyes D, Anderson N, Harenski CL, Decety J, Rachakonda S, Damaraju E, Rashid B, Miller R, Koenigs M, Kosson D, Harenski KA, Kiehl KA, and Calhoun VD. (2018). Aberrant functional network connectivity in psychopathy from a large (N=985) forensic sample. *Human Brain Mapping*, 39, 2624-2634.
51. Harenski CL, Calhoun VD, Bustillo JR, Haas BW, Decety J, Harenski KA, Caldwell MF, Van Rybroek GJ, Koenigs M, Thornton DM, and Kiehl KA. (2018). Functional connectivity during affective mentalizing in criminal offenders with psychotic disorders: Associations with clinical symptoms. *Psychiatry Research: Neuroimaging*, 271, 91-99.
50. Dargis M and Koenigs M. (2018) Two subtypes of psychopathic criminals differ in negative affect and history of childhood abuse. *Psychological Trauma: Theory, Research, Practice, and Policy*, 10, 444-451.
49. Korponay C, Pujara M, Deming P, Philippi C, Decety J, Kosson DS, Kiehl KA, and Koenigs M. (2017) Impulsive-antisocial psychopathic traits linked to increased volume and functional connectivity within prefrontal cortex. *Social Cognitive and Affective Neuroscience*, 12, 1169-1178.
48. Korponay C, Kosson DS, Decety J, Kiehl KA, and Koenigs M. (2017) Brain volume correlates with duration of abstinence from substance abuse in a region-specific and substance-specific manner. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2, 626-635.
47. Anderson NE, Steele VR, Maurer JM, Rao V, Koenigs MR, Decety J, Kosson DS, Calhoun VD, and Kiehl KA. (2017) Differentiating emotional processing and attention in psychopathy with functional neuroimaging. *Cognitive Affective and Behavioral Neuroscience*, 17, 491-515.
46. Harenski CL, Brook M, Kosson DS, Bustillo JR, Harenski KA, Caldwell MF, Van Rybroek GJ, Koenigs M, Decety J, Thornton DM, Calhoun VD, and Kiehl KA. (2017) Socio-neuro risk factors for suicidal behavior in criminal offenders with psychotic disorders. *Social, Cognitive, and Affective Neuroscience*, 12, 70-80.
45. Dargis M and Koenigs M. (2017) Witnessing domestic violence during childhood is associated with psychopathic traits in adult male criminal offenders. *Law and Human Behavior*, 41, 173-179.

44. Dargis M, Wolf RC, and Koenigs M. (2017) Reversal learning deficits in criminal offenders: Effects of psychopathy and childhood maltreatment history. *Journal of Psychopathology and Behavioral Assessment*, 39, 189-197.
43. Korponay C, Pujara M, Deming P, Philippi C, Decety J, Kosson DS, Kiehl KA, and Koenigs M. (2017) Impulsive-antisocial dimension of psychopathy linked to enlargement and abnormal functional connectivity of the striatum. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2, 149-157.
42. Fede SJ, Harenski CL, Schaich Borg J, Sinnott-Armstrong W, Rao V, Caldwell BM, Nyalakanti PK, Koenigs M, Decety J, Calhoun VD, and Kiehl KA. (2016) Abnormal fronto-limbic engagement in incarcerated stimulant users during moral processing. *Psychopharmacology*, 233, 3077-3087.
41. Herbolt MC, Soch J, Wustenberg T, Krauel K, Pujara M, Koenigs M, Gallinat J, Walter H, Roepke S, and Schott BH. (2016) A negative relationship between ventral striatal loss anticipation response and impulsivity in borderline personality disorder. *Neuroimage: Clinical*, 12, 724-736.
40. Wolf RC, Pujara M, Baskaya MK, and Koenigs M. (2016) Emotion recognition deficits associated with ventromedial prefrontal cortex lesions are improved by gaze manipulation. *Cortex*, 82, 255-262.
39. Fede SJ, Schaich Borg J, Nyalakanti PK, Cope LM, Harenski CL, Sinnott-Armstrong W, Koenigs M, Calhoun VD, and Kiehl KA. (2016) Distinct neuronal patterns of positive and negative moral processing in psychopathy. *Cognitive, Affective, and Behavioral Neuroscience*, 16, 1074-1085.
38. Dargis M, Newman JP, and Koenigs M. (2016) Clarifying the link between childhood abuse history and psychopathic traits in adult criminal offenders. *Personality Disorders: Theory, Research, and Treatment*, 7, 221-228.
37. Pujara MS, Philippi CL, Motzkin JC, Baskaya MK, and Koenigs M. (2016) Ventromedial prefrontal cortex damage is associated with decreased ventral striatum volume and response to reward. *Journal of Neuroscience*, 36, 5047-5054.
36. Pujara M, Wolf RC, Baskaya M, and Koenigs M. (2015) Ventromedial prefrontal cortex damage alters relative risk tolerance for prospective gains and losses. *Neuropsychologia*, 79, 70-75.
35. Philippi C, Motzkin JC, Pujara M, and Koenigs M. (2015) Subclinical depression severity is associated with distinct patterns of functional connectivity for subregions of anterior cingulate cortex. *Journal of Psychiatric Research*, 71, 103-111.
34. Wolf RC, Pujara MS, Motzkin JC, Newman JP, Kiehl K, Decety J, Kosson DS, and Koenigs M. (2015) Interpersonal traits of psychopathy linked to reduced integrity of the uncinate fasciculus.

Human Brain Mapping, 36, 4202-4209.

33. Caldwell BM, Harenski C, Harenski K, Fede S, Koenigs M, Kiehl K, and Steele V. (2015) Abnormal frontostriatal activity in recently abstinent cocaine users during implicit moral processing. *Frontiers in Human Neuroscience*, 9, 1-17.

32. Philippi C, Pujara M, Motzkin JC, Newman JP, Kiehl K, and Koenigs M. (2015) Altered resting-state functional connectivity in cortical networks in psychopathy. *Journal of Neuroscience*, 35, 6068-6078.

31. Motzkin JC, Philippi C, Oler J, Kalin N, Baskaya M, and Koenigs M. (2015) Ventromedial prefrontal cortex damage alters resting blood flow to the bed nucleus of stria terminalis. *Cortex*, 64, 281-288.

30. Caldwell JZK, Armstrong JM, Hanson JL, Sutterer MJ, Stodola DE, Koenigs M, Kalin NH, Essex MJ, and Davidson RJ. (2015) Preschool externalizing behavior predicts gender-specific variation in adolescent neural structure. *PLOS ONE*, 10, e0117453.

29. Motzkin JC, Philippi C, Wolf RC, Baskaya M, and Koenigs M. (2015) Ventromedial prefrontal cortex is critical for the regulation of amygdala activity in humans. *Biological Psychiatry*, 77, 276-284.

28. Motzkin JC, Philippi C, Wolf RC, Baskaya M, and Koenigs M. (2014) Ventromedial prefrontal cortex lesions alter neural and physiological correlates of anticipation. *Journal of Neuroscience*, 34, 10430-10437.

27. Wolf RC, Philippi C, Motzkin JC, Baskaya M, and Koenigs M. (2014) Ventromedial prefrontal cortex mediates visual attention during facial emotion recognition. *Brain*, 137, 1772-1780.

26. Motzkin JC, Baskin-Sommers A, Newman JP, Kiehl K, and Koenigs M. (2014) Neural correlates of substance abuse: Reduced functional connectivity between areas underlying reward and cognitive control. *Human Brain Mapping*, 35, 4282-4292.

25. Taber-Thomas BC, Asp EW, Koenigs M, Sutterer M, Anderson SW, and Tranel D. (2014) Arrested development: Early prefrontal lesions impair the maturation of moral judgment. *Brain*, 137, 1254-1261.

24. Pujara M, Motzkin J, Philippi C, Newman JP, Kiehl KA, and Koenigs M. (2014) Neural correlates of reward and loss sensitivity in psychopathy. *Social, Cognitive, and Affective Neuroscience*, 9, 794-801.

23. Myers-Schulz B, Pujara M, Wolf R, and Koenigs M. (2013) Inherent emotional quality of human speech sounds. *Cognition and Emotion*, 27, 1105-1113.

22. Barbey AK, Koenigs M, and Grafman J. (2013) Dorsolateral prefrontal contributions to human working memory. *Cortex*, 49, 1195-1205.
21. Ly M, Motzkin JC, Philippi CL, Kirk GR, Newman JP, Kiehl KA, and Koenigs M. (2012) Cortical thinning in psychopathy. *American Journal of Psychiatry*, 169, 743-749.
20. Young L, Koenigs M, Kruepke M, and Newman JP. (2012) Psychopathy increases perceived moral permissibility of accidents. *Journal of Abnormal Psychology*, 121, 659-667.
19. Pardini M, Krueger F, Koenigs M, Raymond V, Hodgkinson C, Zoubak S, Goldman D, and Grafman J. (2012) Fatty-acid amide hydrolase polymorphisms and post-traumatic stress disorder after penetrating brain injury. *Translational Psychiatry*, 2, e75.
18. Koenigs M, Kruepke M, Zeier J, and Newman J. (2012) Utilitarian moral judgment in psychopathy. *Social, Cognitive, and Affective Neuroscience*, 7, 708-714.
17. Motzkin J, Newman JP, Kiehl K, and Koenigs M. (2011) Reduced prefrontal connectivity in psychopathy. *Journal of Neuroscience*, 31, 17348-17357.
16. Koenigs M, Acheson D, Barbey A, Postle B, and Grafman J. (2011) Areas of left perisylvian cortex mediate auditory-verbal short-term memory. *Neuropsychologia*, 49, 3612-3619.
15. Nguyen C, Koenigs M, Yamada T, Teo S, Cavanaugh J, Tranel D, and Denburg N. (2011) Trustworthiness and negative affect predict economic decision-making. *Journal of Cognitive Psychology*, 23, 748-759.
14. Barbey A, Koenigs M, and Grafman J. (2011) Orbitofrontal contributions to human working memory. *Cerebral Cortex*, 21, 789-795.
13. Knutson KM, Krueger F, Koenigs M, Hawley A, Escobedo JR, Vasudeva V, Adolphs R, and Grafman J. (2010) Behavioral norms for condensed moral vignettes. *Social, Cognitive, and Affective Neuroscience*, 5, 378-384.
12. Koenigs M, Holliday J, Solomon J, and Grafman J. (2010) Left dorsomedial frontal brain damage is associated with insomnia. *Journal of Neuroscience*, 30, 16041-16043.
11. Koenigs M, Kruepke M, and Newman J. (2010) Economic decision-making in psychopathy: A comparison with ventromedial prefrontal lesions. *Neuropsychologia*, 48, 2198-2204.
10. Koenigs M, Barbey A, Postle B, and Grafman J. (2009) Superior parietal cortex is critical for the manipulation of information in working memory. *Journal of Neuroscience*, 29, 14980-14986.
9. Koenigs M and Grafman J. (2009) Prefrontal asymmetry in depression? The long-term effect of unilateral brain lesions. *Neuroscience Letters*, 459, 88-90.
8. Gozzi M, Raymond V, Solomon J, Koenigs M, and Grafman J. (2009) Dissociable effects of

prefrontal and anterior temporal cortical lesions on stereotypical gender attitudes. *Neuropsychologia*, 47, 2125-2132.

7. Koenigs M, Ukueberuwa D, Campion P, Grafman J, and Wassermann E. (2009) Bi-frontal transcranial direct current stimulation: Failure to replicate classic findings on affect. *Clinical Neurophysiology*, 120, 80-84.
6. Koenigs M, Huey E, Calamia M, Raymond V, Tranel D, and Grafman J. (2008) Distinct regions of prefrontal cortex mediate resistance and vulnerability to depression. *Journal of Neuroscience*, 28, 12341-12348.
5. Koenigs M, Huey E, Raymond V, Cheon B, Solomon J, Wassermann E, and Grafman J. (2008) Focal brain damage protects against post-traumatic stress disorder in combat veterans. *Nature Neuroscience*, 11, 232-237.
4. Koenigs M and Tranel D. (2008) Prefrontal cortex damage abolishes brand-cued changes in cola preference. *Social, Cognitive, and Affective Neuroscience*, 3, 1-6.
3. Koenigs M, Young L, Adolphs R, Tranel D, Cushman F, Hauser M, and Damasio AR. (2007) Damage to the prefrontal cortex increases utilitarian moral judgments. *Nature*, 446, 908-11.
2. Koenigs M and Tranel D. (2007) Irrational economic decision-making following ventromedial prefrontal damage: Evidence from the Ultimatum Game. *Journal of Neuroscience*, 27, 951-6.
1. Adolphs R, Tranel D, Koenigs M, and Damasio AR. (2005) Preferring one taste over another without recognizing either. *Nature Neuroscience*, 8, 860-1.

REVIEW ARTICLES and COMMENTARIES

16. Korponay C and Koenigs M. (2021) Gray matter correlates of impulsivity in psychopathy and in the general population differ by kind, not by degree: A comparison of systematic reviews. *Social, Cognitive, and Affective Neuroscience*, 16, 683-695.
15. Deming P and Koenigs M. (2020) Functional neural correlates of psychopathy: a meta-analysis of MRI data. *Translational Psychiatry*, 10, 1-8.
14. Hiser JS and Koenigs M. (2018) The multifaceted role of ventromedial prefrontal cortex in emotion, decision-making, social cognition, and psychopathology. *Biological Psychiatry*, 83, 638-647.
13. Schneider B and Koenigs M. (2017) Human lesion studies of ventromedial prefrontal cortex. *Neuropsychologia*, 107, 84-93
12. Wolf RC and Koenigs M. (2015) Brain imaging research on violence and aggression: Pitfalls and possibilities for criminal justice. *Science in the Courtroom*, 1.

11. Rosas A and Koenigs M. (2014) Beyond “utilitarianism”: Maximizing the clinical impact of moral judgment research. *Social Neuroscience*, 9,661-667.
10. Philippi C and Koenigs M. (2014) The neuropsychology of self-reflection in psychiatric illness. *Journal of Psychiatric Research*, 54, 55-63.
9. Pujara M and Koenigs M. (2014) Mechanisms of reward circuit dysfunction in psychiatric illness: Prefrontal-striatal interactions. *Neuroscientist*, 20, 82-95.
8. Koenigs M. (2013) The neuropsychology of disgust. *Social, Cognitive, and Affective Neuroscience*, 8, 121-122.
7. Koenigs M. (2012) The role of prefrontal cortex in psychopathy. *Reviews in the Neurosciences*, 23, 253-262.
6. Myers-Schulz B and Koenigs M. (2012) Functional anatomy of ventromedial prefrontal cortex: Implications for mood and anxiety disorders. *Molecular Psychiatry*, 17, 132-41.
5. Koenigs M, Baskin-Sommers A, Zeier J, and Newman J. (2011) Investigating the neural correlates of psychopathy: A critical review. *Molecular Psychiatry*, 16, 792-799.
4. Koenigs M and Grafman J. (2009) The functional neuroanatomy of depression: Distinct roles for ventromedial and dorsolateral prefrontal cortex. *Behavioural Brain Research*, 201, 239-243.
3. Koenigs M and Grafman J. (2009) Posttraumatic stress disorder: The role of amygdala and medial prefrontal cortex. *Neuroscientist*, 15, 507-424.
2. Koenigs M, Young L, Adolphs R, Tranel D, Cushman F, Hauser M, and Damasio AR. (2008). Do abnormal responses show utilitarian bias? Koenigs et al. reply. *Nature*, 452, E5-E6.
1. Young L and Koenigs M. (2007) Emotion and Moral Cognition: A review of evidence from functional neuroimaging and neuropsychology. *British Medical Bulletin*, 84, 69-79.

BOOK CHAPTERS

10. Deming P and Koenigs M. Neuroimaging studies of psychopathy. (2020). *PET and SPECT in Psychiatry*, Otte A, den Boer J, Dierckx R, de Vries E, van Waarde A (Editors), Springer
9. Korponay C and Koenigs M. The neurobiology of antisocial and amoral behavior: Insights from brain science and implications for law. To appear in: *Law and Neuroscience: Revising the Legal Standards of Insanity*, Patterson D (Editor), Hart
8. Motzkin J and Koenigs M. Posttraumatic stress disorder and traumatic brain injury. (2015). *Handbook of Clinical Neurology*, 3rd Edition, Salazar A and Grafman J (Editors), Elsevier
7. Pujara M and Koenigs M. Neuroimaging studies of psychopathy. (2014). *PET and SPECT in*

Psychiatry, Otte A, den Boer J, Dierckx R, de Vries E, van Waarde A (Editors), Springer

6. Koenigs M and Newman JP. The decision-making impairment in psychopathy: Psychological and neurobiological mechanisms. (2013). *Handbook on Psychopathy and Law*, Kiehl K, Sinnott-Armstrong W, and Morse S (Editors), Oxford University Press
5. Koenigs M. Emotion and Moral Cognition. (2011). *From DNA to Social Cognition*, Ebstein R, Shamay-Tsoory S, and Chew S (Editors), John Wiley & Sons
4. Koenigs M and Adolphs R. Emotion and Consciousness. (2009). *The Cognitive Neurosciences, 4th Edition*, Gazzaniga M (Editor), Bradford
3. Koenigs M, Tranel, D, and Adolphs R. Social Cognition. (2008). *The Encyclopedia of Neuroscience*, Squire L (Editor), Elsevier
2. Koenigs M and Tranel D. Pseudopsychopathy: A Perspective from Cognitive Neuroscience. (2007). *The Orbitofrontal Cortex*, Zald D and Rauch S (Editors), Oxford University Press
1. Koenigs M, Tranel, D, and Damasio AR. The Lesion Method in Cognitive Neuroscience. (2007). *Handbook of Psychophysiology, 2nd Edition*. Cacioppo J, Tassinari L, and Berntson G (Editors), Cambridge University Press

RESEARCH FUNDING

- UW ICTR-CAP SPER award (Koenigs, Michael – PI) 4/1/2021-3/31/2022
Engaging stakeholders to develop a meditation intervention for incarcerated individuals
Role: Principal Investigator
- R34 MH118319 (Koenigs, Michael – PI) NIMH 4/6/2020-3/31/2022
PTSD Psychotherapy for Prison Inmates: Feasibility and Pilot Study
Role: Principal Investigator
- Wisconsin Partnership Program (Koenigs, Michael – PI) 1/1/2020-12/31/2022
Post-Traumatic Stress Disorder (PTSD) Therapy for Wisconsin Prison Inmates
Role: Principal Investigator
- R01 HD082257 (Kiehl, Kent; Caldwell, Michael – MPI) NICHD 5/1/2019-4/30/2021
Brain Changes and Outcomes Accompanying Evidence-Based Treatment in High-Risk Youth
Role: Subaward Principal Investigator
- R01 MH101162 (Harenski, Carla – PI) NIMH 10/1/2019-11/30/2022
Socioemotional Processing and Aggression
Role: Subaward Principal Investigator

- UW2020 WARF Discovery Initiative Award (Koenigs, Michael – PI) 5/1/2019-4/30/2021
PTSD Psychotherapy for Prison Inmates: Feasibility and Pilot Study
Role: Principal Investigator
- R01 AA02690 (Kiehl, Kent; Koenigs, Michael – MPI) NIAAA 7/1/2018-4/30/2023
Mindfulness for Alcohol Abusing Offenders: Mechanisms and Outcomes
Role: Co-Principal Investigator/Subaward Principal Investigator
- R21 MH108753 (Cisler, Joshua – PI) NIMH 3/7/2017-12/31/2017
Dopamine Enhancement of Fear Extinction in PTSD
Role: Co-Investigator
- R01 MH109329 (Decety, Jean; Kiehl, Kent – MPI) NIMH 6/20/2016-2/28/2021
Socioemotional Processing in Female Offenders
Role: Subaward Principal Investigator
- R01 MH101162 (Koenigs, Michael – PI) NIMH 6/1/2014-3/31/2020
Prefrontal Control of Negative Affect: A Novel Lesion/fMRI Approach
Role: Principal Investigator
- K01 MH086787 (Koenigs, Michael – PI) NIMH 7/4/2009-6/30/2013
The Role of Prefrontal Cortex in Emotion Regulation
Role: Principal Investigator

INVITED TALKS

International

- “Neuroeconomics in the clinic and courtroom” November 2019, University College London, London, United Kingdom
- “Neuroeconomics in the clinic and courtroom” June 2019, Dusseldorf Symposium on Decision Neuroscience, Dusseldorf, Germany
- “Neuroeconomics in the clinic and courtroom” June 2019, Neurex Workshop on Neuroeconomics, Strasbourg, France (declined)
- “The neuroscience of psychopathy” January 2019, University of Salzburg Centre for Cognitive Neuroscience, Salzburg, Austria (declined)
- “Neuroeconomics in the clinic and courtroom” October 2017, Organization for Economic Cooperation and Development (OECD), Paris, France
- “The neurobiology of antisocial and amoral behavior: Insights from brain science and implications for law” June 2014, European University Institute, Florence, Italy
- “The neuropsychology of moral judgment: Evidence from brain lesion patients and psychopathic criminals” November 2013, Universidad Nacional de Colombia, Bogota, Colombia

National

- “Neuroeconomics in the clinic and courtroom” November 2020, Keynote speaker, University of Iowa Neuroscience Research Day, Iowa City, IA
- “Revising neurocircuitry models of mood and anxiety disorders based on evidence from brain lesion patients and psychopathic criminals” April 2018, Laureate Institute for Brain Research (LIBR), Tulsa, OK
- “Brain imaging research on violence and aggression: Possibilities and pitfalls for criminal justice” November 2016, St. Louis University, School of Law, St. Louis, MO
- “Revising neurocircuitry models of mood and anxiety disorders based on evidence from brain lesion patients and psychopathic criminals” March 2016, Wake Forest University, Department of Psychiatry, Winston-Salem, NC (declined)
- “Revising neurocircuitry models of mood and anxiety disorders based on evidence from brain lesion patients and psychopathic criminals” November 2015, Loyola University, Department of Neuroscience Colloquium, Chicago, IL
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesion patients and psychopathic criminals” September 2014, University of Iowa, Neuroscience Graduate Program, Iowa City, IA
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesion patients and psychopathic criminals” April 2013, Vanderbilt University, Joel G. Hardman Student-Invited Forum, Nashville, TN
- “The neurobiology of psychopathy: Insights from brain imaging and implications for law” March 2013, University of Southern California, Gould School of Law, Los Angeles, CA
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesion patients and psychopathic criminals” March 2013, Mind Research Network/University of New Mexico, Albuquerque, NM
- “The neurobiology of violence: State of the science, risk assessment tools, and treatment perspectives” December 2012, ASTAR/Department of Justice Judge Training Program, Seattle, WA
- “The neurobiology of violence: State of the science, risk assessment tools, and treatment perspectives” October 2012, John Marshall Law School, ASTAR/Department of Justice Judge Training Program, Chicago, IL
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesion patients and psychopathic criminals” June 2012, Icahn Medical Institute, Mt. Sinai School of Medicine, New York, NY
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions” May 2011, Sackler Institute, Weill Medical College of Cornell University, New York, NY
- “The neurobiology of psychopathy: A link to vmPFC?” July 2010, University of Iowa, Department of Neurology, Iowa City, IA
- “Emotion and consciousness,” July 2008, Summer Institute in Cognitive Neuroscience, University of California-Santa Barbara, Sage Center, Lake Tahoe, NV
- “What human lesion studies reveal about the neuroanatomical basis of mood and

anxiety disorders,” February 2008, Vanderbilt University, Department of Psychology, Nashville, TN

- “Brain science and morality,” November 2007, Smithsonian Associates, Washington DC

State/Local

- “Psychopathy and trauma in criminal offenders: Clinical and research perspectives” November 2020, Tri-State Undergraduate Psychology Conference, Platteville, WI
- “Psychopathic personality in criminal offenders: Clinical and research perspectives” March 2019, Wisconsin Batters’ Treatment Provider Association Annual Conference, Madison, WI
- “The association between witnessing domestic violence in childhood and psychopathic traits in adulthood” November 2017, Lunch and Learn Workshop, Dane County District Attorney’s Office, Madison, WI
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” November 2017, University of Wisconsin-Fond du Lac, Psychology Awareness Week, Fond du Lac, WI
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” November 2017, Arrowhead High School Psychology Club, Hartland, WI
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” November 2017, University of Wisconsin-Parkside, Science Night/Wisconsin Science Festival, Kenosha, WI
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” November 2016, Undergraduate Neuroscience Society, Madison, WI
- “The neurobiological basis of violence” September 2016, Wisconsin Psychiatric Association, Milwaukee, WI
- “UW-DOC collaborative prison research project: Updates and advances” June 2016, Department of Corrections Psychology Workshop, Mendota Mental Health Institute, Madison, WI
- “Revising neurocircuitry models of mood and anxiety disorders” June 2016, Clinical Psychology Summer Institute, Pyle Center, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” February 2016, Undergraduate Neuroscience Society, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” January 2016, Psi Chi National Honor Society in Psychology, Madison, WI
- “Revising neurocircuitry models of mood and anxiety disorders based on evidence from brain lesion patients and psychopathic criminals” April 2015, Wisconsin Symposium on Emotion, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” October 2014, Psi Chi National Honor Society in Psychology, Madison, WI

- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” November 2013, Undergraduate Neuroscience Society, Madison, WI
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” November 2013, Women in Science and Engineering (WISE) Seminar Series, Madison, WI
- “The neurobiology of guilt: Evidence from brain lesion patients and psychopathic criminals” October 2013, A.W. Mellon Workshop on Guilt, University of Wisconsin Center for the Humanities, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” October 2013, Health Occupations Students of America, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions and psychopathic criminals” February 2013, Wednesday at Washburn Lecture for Honors Student Organization, Madison, WI.
- “Inside the psychopathic mind: What brain science is revealing about criminal behavior” February 2013, University Roundtable, Madison, WI
- “The neurobiology of psychopathy: Insights from brain imaging and implications for law” October 2012, Neuroscience & Public Policy Seminar Series, Madison, WI
- “The neurobiology of psychopathy and antisocial behavior” August 2012, State Bar of Wisconsin, Madison, WI
- “How the brain makes up the mind: The biology of personality and decision-making” February 2012, Wisconsin Alumni Association-UW Showcase Series, Capitol Lakes Retirement Community, Madison, WI
- “Crime and mental illness: A neurobiological perspective” December 2011, Evidence-Based Health Policy Project: Policy Innovations in Mental Health and Corrections, Wisconsin State Capitol, Madison, WI
- “How the brain makes up the mind: The biology of personality and decision-making” September 2011, Discovery!Thursdays seminar series, Madison Public Library, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions” March 2011, Medical College of Wisconsin Department of Neurology, Milwaukee, WI
- “How the brain makes up the mind: The biology of personality and decision-making” March 2011, W.M. Keck Laboratory for Biological Imaging lecture series, Madison, WI
- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions” March 2011, University of Wisconsin-Milwaukee neuroscience colloquium, Department of Psychology, Milwaukee, WI
- “How the brain makes up the mind: The biology of personality and decision-making” January 2011, Chaos and Complex Systems seminar series, University of Wisconsin-Madison, Department of Physics, Madison, WI
- “How the brain makes up the mind: The biology of personality and decision-making” November 2010, Wednesday Nite @ the Lab lecture series, Wisconsin Alumni

Association, Madison, WI

- “The role of prefrontal cortex in emotion and social behavior: Evidence from brain lesions” August 2010, 5th Biennial Neuroscience Research Symposium, BioPharmaceutical Technology Center Institute, Madison, WI
- “The neurobiology of psychopathy,” July 2010, State of Wisconsin Department of Corrections Psychopathy Workshop, Mendota Mental Health Institute, Madison, WI
- “A brief tour of the brain: Anatomy of perception, thought, and action” May 2010/2015, Brain Tumor Updates and Advances Conference, University of Wisconsin-Madison, Department of Neurological Surgery, Madison, WI
- “The lesion method in cognitive neuroscience: Effects of prefrontal damage on emotion and social behavior,” October 2008, University of Wisconsin-Madison, Department of Communicative Disorders, Madison, WI
- “What Human Lesion Studies Reveal About the Neuroanatomical Basis of Mood and Anxiety Disorders,” January 2008, University of Wisconsin-Madison, Department of Psychiatry, Madison, WI

TEACHING

- Course Director, Neuroscience 500: Undergraduate Neurobiology Seminar (Fall/Spring 2011-2019)
- Course Director, Neuroscience 660: Neuroscience & Public Policy Seminar (Fall/Spring 2017-2019)
- Course Director, Psychology 711: Affective Neuroscience (Spring 2016)
- Lab Co-Instructor, Neuroscience 611: Systems Neuroscience (Spring 2009-2016)
- Lab Co-Instructor, Neuroscience 524: Neurobiology II: An Introduction to Brain and Behavior (Spring 2009-2016)
- Subgroup leader, Neuroscience Training Program: Neuroscience and law (Fall 2013)
- Subgroup leader, Neuroscience Training Program: The role of prefrontal cortex in emotion, social behavior, and decision-making (Fall 2010)
- Guest lecture, Neuroscience 500: Undergraduate Neurobiology Seminar (Spring/Fall 2009-2019)
- Guest lecture, Neuroscience 675: Functional Neuroimaging and Clinical Applications (Fall 2008-present)
- Guest lecture, Psychology 526: The Criminal Mind: Forensic and Psychobiological Perspectives (Fall/Spring 2014-present)
- Guest lecture, Psychology 621: Graduate Research Seminar (Spring 2018-present)
- Guest lecture, Medical Sciences 622-731: Neurobiology & Anatomy of the Head and Neck (Spring 2013-2016)
- Guest lecture, Legal Studies/Sociology 131: Criminal Justice in America (Fall 2018)
- Guest lecture, Psychology 386: Topics in Psychology for Honors (Fall 2014)
- Guest lecture, Psychiatry Residency Seminar: Neurobiology of depression (Fall 2012-present)
- Guest lecture, Psychiatry Residency Seminar: Neuroimaging of mood and anxiety

- disorders (Spring 2011-present)
- Guest lecture, Psychiatry Residency Seminar: Traumatic brain injury (Spring 2013-present)
- Guest lecture, Psychology Intern Seminar: Psychopathy clinical features and assessment (Spring 2014)
- Guest lecture, Comparative Literature 500: Guilt (Spring 2016)
- Guest lecture, Law 906: Law, Science, and Biotechnology (Spring 2011)
- Guest lecture, Biology 150: Ways of Knowing Biology (Spring 2010)
- Guest lecture, Psychology 704: Clinical Psychology: Science and Practice (Fall 2009, Spring 2010)
- Guest lecture, Neuroscience 900: Neuroscience Seminar (Fall 2009)
- Instructor, Neuroscience 699: Directed Study in Research (Spring/Fall 2009-present)
- Teaching Assistant, Medical Neuroscience, University of Iowa College of Medicine (Spring 2005/ 2006)
- Guest lecture, Methods in Neuroscience, University of Iowa Graduate Program in Neuroscience (Fall 2005)
- PEOPLE Program (Summer enrichment for minority H.S. students) Neuroscience Instructor (Summer 2002)

UNIVERSITY SERVICE and OUTREACH

- School of Medicine and Public Health Tenure Track Promotions Committee (2020-present)
- Department of Psychiatry Post-Tenure Review Committee (2020-present)
- Director, Neuroscience & Public Policy Program (2016-2019)
- Health Sciences IRB Member (2009-2012; 2015-2020)
- School of Medicine and Public Health Clinician Teacher Track Promotions Committee (2015-2018)
- Director, Department of Psychiatry Continuing Medical Education activities (2017-present)
- Undergraduate Neurobiology Option Coordinating Committee (2012-2016)
- Neuroscience Training Program Steering Committee Member (2010-2013; 2020-present)
- Neuroscience Training Program Admissions Committee Member (2009-2012)
- Neuroscience and Public Policy Steering Committee Member (2012-present)
- Faculty advisor, Undergraduate Neuroscience Society (2012-2017)
- Neuroscience Training Program representative, BOPS Preview Weekend (2012, 2013, 2015, 2017)
- Speaker at Integrating Research Ethics and Scholarship (IRES) panel (2015)
- Speaker at Careers in Bioscience panel (2013)
- Speaker at Wisconsin Science Festival “Ask Me Anything” (2018)
- Reviewer, Skin Disease Research Center Pilot and Feasibility grant program (2017)
- Neuroscience Training Program representative, SROP Graduate School Fair (2010)

- Speaker at Criminal Justice Club (2015)
- Speaker at Teen Science Café (2015)
- Speaker at Madison East High School during “Math Week” (2010, 2012)
- Speaker at Badger Ridge Middle School “Career Day” (2017)
- Speaker at University of Wisconsin Brain Tumor Updates and Advances Conference (2010, 2011, 2015, 2017)
- Speaker at Edgerton High School (2014)
- Speaker at UWHC Brain Tumor Support Group (2010)
- Neuroscience Training Program Brain Science Outreach, Oregon Middle School, Oregon, WI (2009)
- National Center on Minority Health and Health Disparities (NCMHD) Summer Youth Initiative Program Tour Guide, Bethesda, MD (2007)
- Editorial Associate, *Clinician’s Research Digest* (2003-2006)
- University of Iowa Neuroscience Admissions Committee Member (2004-2006)
- University of Iowa Brain Awareness Week Committee Member and Presenter (2003, 2004, 2005)
- University of Iowa Neuroscience Seminar Series Committee Member (2004-2006)
- Advisor for Interdisciplinary Summer Undergraduate Research Program student (2003, 2005)
- Student Mentor for Summer Research Opportunity Program (SROP) (2003, 2005)

EDITORIAL BOARDS

- Review Editor, *Frontiers in Human Neuroscience*

ADVISORY BOARDS

- Scientific Advisor, National Courts and Sciences Institute (NCSI) (2015-present)

GRANT REVIEWING

- National Institutes of Health (NIH) Mental Health Services Research Committee (SERV) study section (2017)
- National Institutes of Health (NIH) Adult Psychopathology and Disorders of Aging (APDA) study section (2017)
- National Institutes of Health (NIH) Special Emphasis Panel: Multi-Site Clinical Trials (2017)
- National Institutes of Health (NIH) Special Emphasis Panel: Human-Animal Interaction Research (2017, 2018, 2019)
- National Institutes of Health (NIH) Neurotoxicology and Alcohol (NAL) study section (2016)
- National Science Foundation (NSF) (2015-2019)
- University of Cyprus (2020)
- Poland National Science Centre (2019)

- Italian Ministry of Health (2018, 2020)
- Swiss National Science Foundation (2018)
- German Research Foundation (DFG) (2015)
- Austrian Science Fund (FWF) (2015)
- Netherlands Organization for Scientific Research (NWO) (2014)
- The Wellcome Trust (2014)

JOURNAL REVIEWING

- *Addiction Biology*
- *Aggression and Violent Behavior*
- *American Journal of Psychiatry*
- *Annals of Neurology*
- *Archives of General Psychiatry*
- *Behavior Research Methods*
- *Behavioral Neuroscience*
- *Behavioural Brain Research*
- *Biological Psychiatry*
- *BMC Neurology*
- *Brain*
- *Brain Imaging and Behavior*
- *Brain Research*
- *Brain Structure and Function*
- *Cell Science*
- *Cerebral Cortex*
- *Clinical Neuropsychologist*
- *Clinical Psychological Science*
- *Cognition*
- *Cognitive, Affective, Behavioral Neuroscience*
- *Cognitive Processing*
- *Comprehensive Psychiatry*
- *Cortex*
- *Criminal Justice and Behavior*
- *Current Biology*
- *Developmental Psychology*
- *European Archives of Psychiatry and Clinical Neuroscience*
- *European Journal of Neuroscience*
- *Experimental Brain Research*
- *Frontiers in Evolutionary Psychology*
- *Frontiers in Human Neuroscience*
- *International Journal of Neuropsychopharmacology*
- *International Journal of Psychophysiology*

- *JAMA Psychiatry*
- *Journal of Abnormal Psychology*
- *Journal of Affective Disorders*
- *Journal of the American Academy of Child and Adolescent Psychiatry*
- *Journal of Child Psychology and Psychiatry*
- *Journal of Clinical and Experimental Neuropsychology*
- *Journal of Cognitive Neuroscience*
- *Journal of Experimental Psychology: General*
- *Journal of the International Neuropsychological Society*
- *Journal of Neuroscience*
- *Journal of Neuroscience Research*
- *Journal of Personality Disorders*
- *Journal of Psychiatric Research*
- *Memory and Cognition*
- *Nature Reviews Neuroscience*
- *NeuroImage*
- *Neuropsychobiology*
- *Neuropsychologia*
- *Neuropsychology*
- *Neuroscience*
- *Neuroscience and Biobehavioral Reviews*
- *Philosophical Psychology*
- *PLoS ONE*
- *Proceedings of the National Academy of Sciences*
- *Progress in Neuro-Psychopharmacology & Biological Psychiatry*
- *Psychiatric Times*
- *Psychiatry Research*
- *Psychological Science*
- *Psychology and Neuroscience*
- *Psychoneuroendocrinology*
- *Social, Cognitive, and Affective Neuroscience*
- *Social Neuroscience*
- *Topics in Cognitive Science*
- *Translational Psychiatry*
- *Trends in Cognitive Sciences*

BOOK REVIEWING

- Cambridge University Press
- Elsevier
- The MIT Press

ACADEMIC PROMOTION/TENURE REVIEWING

- Department of Psychology, University of Georgia
- Department of Psychology, University of Alabama
- Department of Neurology, University of Iowa