

MIKE J. F. ROBINSON

Wesleyan University, Department of Psychology
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Current Position: Assistant Professor of Psychology, Assistant Professor of Neuroscience & Behavior,
Assistant Professor for the College of Integrative Sciences

Citizenship: France and United Kingdom (Green Card Status in the U.S.A.)

Languages: Bilingual (English and French, fluent written and spoken)

EDUCATION AND ACADEMIC POSITIONS

Jan 1 st 2016 - present	Assistant Professor of Integrative Sciences, Wesleyan University
Jan 1 st 2014 - present	Assistant Professor of Psychology and Neuroscience & Behavior Wesleyan University, Middletown, CT
2009- 2013	Postdoctoral Research Fellowship Biopsychology Department, University of Michigan, Ann Arbor, MI Mentor: Dr Kent Berridge (P.I.)
2009	McGill University, Montreal, Quebec Ph.D. in Experimental Psychology Dr. Keith BJ Franklin (supervisor) Analysis of the reconsolidation phenomenon in a morphine conditioned place preference.
2004	McGill University, Montreal, Quebec M.Sc. in Experimental Psychology Dr. Keith BJ Franklin (supervisor) Memory consolidation for a morphine conditioned place preference blocked by protein synthesis.
2001	Sussex University, Brighton, UK B.Sc. Honors in Neuroscience (First Class Degree)
1986-1998	Lycée International de Saint Germain-en-Laye, France French Baccalaureate with International Baccalaureate Option (O.I.B.) Specializing in Sciences (Biology)

RESEARCH INTERESTS

Reward, Motivation & Risky Decision-Making My research focuses on conditions and brain structures that exacerbate reward and the motivational value attributed to a cue, particularly in the context of addiction and cue-elicited craving and risky decision-making. My approach includes the use of optogenetics to uncover the mechanisms underlying excessive attribution of incentive value for drug addiction, gambling and diet-induced obesity.

GRANTS AND FUNDING

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| 2018 | <ul style="list-style-type: none">• “Dissecting Cue-Triggered and Cortical Contributions to Risky Decision Making” – PI: Mike Robinson – Agency: NIDA – Type: R03: \$100,000 |
| 2017 | <ul style="list-style-type: none">• “Dopaminergic contributions to risky-decision making” – PI: Mike Robinson – Agency: Wesleyan University – Type: GISOS: \$4460 |
| 2016 | <ul style="list-style-type: none">• “Cortical and Subcortical Contributions to Risky Decision-Making Associated with Gambling” – PI: Mike Robinson – Agency: National Center for Responsible Gaming (NCRG) – Type: Seed Grant: \$30,000 – Period: 3/1/2016-2/28/2017• “What if we could stop the brain from making risky decisions?” - PI: Mike Robinson; <i>Charlotte Freeland; Rebecca Tom</i> – Agency: Experiment.com – Type: Liberal Arts Crowd funding: \$4000 |
| 2015 | <ul style="list-style-type: none">• “Investigating the role of the Prefrontal Cortex in reward uncertainty and risky decision-making” – PI: Mike Robinson – Agency: Wesleyan University – Type: GISOS: \$1150 |
| 2014 | <ul style="list-style-type: none">• “Investigating the role of the central amygdala in focusing addictive-like desire” – PI: Mike Robinson – Agency: Wesleyan University – Type: GISOS: \$5000 |

AWARDS, DISTINCTIONS AND FELLOWSHIPS

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| 2018 | <ul style="list-style-type: none">• Winter Conference on Brain Research Travel Fellow |
| 2018 | <ul style="list-style-type: none">• Winter Conference on Brain Research Outstanding Poster Award |
| 2017 | <ul style="list-style-type: none">• Wesleyan University Digital Scholarship Innovation Fund (\$2000) for course development |
| 2012 | <ul style="list-style-type: none">• Post-Doctoral Fine Science Tools Travel Award (awarded by the University of Michigan Neuroscience program, sole annual recipient) |
| 2008 and 2009 | <ul style="list-style-type: none">• McGill Graduate Studies Fellowship |
| 2005,2007-2009 | <ul style="list-style-type: none">• Alma Mater Student Travel Award (awarded by McGill University Graduate and Post-doctoral program) |
| 2006 | <ul style="list-style-type: none">• Michael Quek Teaching Assistant Award (sole annual recipient) |
| 2004 and 2005 | <ul style="list-style-type: none">• Council of Canadian Departments in Psychology (CCDP) Certificate of Teaching Excellence (nominated by McGill University Psychology Dept.) |
| 2003,2004-2005 | <ul style="list-style-type: none">• McGill University Student Association Teaching Assistant Award |

PUBLICATIONS AND CONFERENCES

Publications

(Wesleyan undergraduate/graduate students, highschool students and postdocs)

Anselme, P., & Robinson, M. J. F. **Incentive Motivation: The Missing Piece Between Learning and Motivation.** In K. A. Renninger & S. Hidi (Eds.), *The Cambridge Handbook of Motivation and Learning*, 2019 (pp. 163–182).

Russell, T. I. & Robinson M.J.F. **Effects of nicotine exposure and anxiety on motivation for reward and gambling-like cues under reward uncertainty,** *Behavioral Neuroscience*, 2019.

Cole S., Robinson M.J.F., Berridge K.C. **Optogenetic self-stimulation in the nucleus accumbens: D1 reward versus D2 ambivalence,** *PLoS One*. 2018 Nov 29;13(11):e0207694.

Hellberg, S. N., Russell, T. I., & Robinson, M. J. F. **Cued for risk: Evidence for an incentive sensitization framework to explain the interplay between stress and anxiety, substance abuse, and reward uncertainty in disordered gambling behavior,** *Cognitive, Affective & Behavioral Neuroscience*, 1–22, 2018.

Robinson, M. J. F., & Anselme, P. **How uncertainty sensitizes dopamine neurons and invigorates amphetamine-related behaviors,** *Neuropsychopharmacology*, 1–2, 2018.

Robinson M.J.F. **Hoarding all of the chips: Slot machine gambling and the foraging for coins,** Commentary on: How foraging works: uncertainty magnifies food-seeking motivation. *Behavioral and Brain Sciences*, 2018 Mar 8:1-106.

Tom R.L., Ahuja A., Maniates H., Freeland C.M., Robinson M.J.F. **Optogenetic stimulation of the central amygdala generates addiction-like preference for reward despite adverse consequences,** *European Journal of Neuroscience*, 3(7), 563–19, 2018.

Robinson M.J.F., Robinson T.E., Berridge K.C. **The current status of the incentive sensitization theory of addiction.** *The Routledge Handbook of Philosophy and Science of Addiction*, Routledge, 2018.

Hellberg S.N., Levit J., Robinson M.J.F. **Under the influence: Effects of adolescent ethanol exposure and anxiety on motivation for uncertain gambling-like cues in male and female rats.** *Behavioural Brain Research*, 337, 17–33, 2018.

Warlow S.M., Baumgartner H., Freeland C.M., Naffziger E., Olney J., Berridge K.C., Robinson M.J.F. **Sensitization of Incentive Salience and the Transition to Addiction,** *Cambridge Handbook of Substance and Behavioral Addictions*, (in press)

Warlow S.M., Robinson M.J.F., Berridge K.C. **Optogenetic Central Amygdala Stimulation Intensifies and Narrows Motivation for Cocaine.** *Journal of Neuroscience*, 3141-16-19, July 2017.

- Lesser, E. N., Arroyo-Ramirez, A., Mi, S. J., & Robinson, M. J. F. **The impact of a junk-food diet during development on 'wanting' and 'liking'.** *Behavioural Brain Research*, 317, 163–178, 2017.
- Anselme, P., & Robinson, M. J. F. **'Wanting', 'Liking,' and Their Relation to Consciousness.** *Journal of Experimental Psychology: Animal Learning and Cognition*, 42(2), 123–140, 2015.
- Robinson M.J.F., Anselme P., Suchomel K., Berridge K.C. **Amphetamine-induced sensitization and reward uncertainty similarly enhance incentive salience for conditioned cues,** *Behavioral Neuroscience*, 129(4), 502–511, June 2015.
- Robinson, M. J. F., Fischer, A. M., Ahuja, A., Lesser, E. N., Maniates, H. **Roles of "Wanting" and "Liking" in Motivating Behavior: Gambling, Food, and Drug Addictions.** *Current Topics in Behavioral Neurosciences*, Springer, edited by Eleanor H. Simpson and Peter Balsam. Sep 27, 2015.
- Robinson M.J.F., Burghardt P.R., Patterson C.M., Nobile C.W., Akil H. Watson S.J., Berridge K.C., Ferrario C.R. **Individual Differences in Cue-Induced Motivation and Striatal Systems in Rats Susceptible to Diet-Induced Obesity.** *Neuropsychopharmacology*, 40(9), 2113–2123, 2015.
- Robinson, M.J.F., Berridge, K.C. **Wanting vs Needing.** In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 25. Oxford: Elsevier. pp. 351–356, Mar 2015.
- Robinson M.J.F., Warlow S.M. & Berridge K.C. **Optogenetic Excitation of Central Amygdala Amplifies and Narrows Incentive Motivation to Pursue One Reward Above Another.** *Journal of Neuroscience* 34, 16567–16580, Dec 2014.
- Singer B.F., Anselme P., Robinson M. J., Vezina P. **Neuronal and Psychological Underpinnings of Pathological Gambling.** *Frontiers in Behavioral Neuroscience*, 2014 July, Vol. 8, Article 230.
- Robinson M.J., Anselme P., Fischer A.M., Berridge K.C. **Initial uncertainty in Pavlovian reward prediction persistently elevates incentive salience and extends sign-tracking to normally unattractive cues.** *Behav Brain Res.* 2014 Mar 11.
- Anselme P., Robinson M.J. **What motivates gambling behavior? Insight into dopamine's role.** *Front Behav Neurosci.* 2013 Dec 2;7:182.
- Robinson M.J.F., Berridge K.C. **Instant transformation of learned repulsion into motivational "wanting".** *Current Biology*, 2013 Feb 18;23(4):282-9
- Anselme P., Robinson M.J.F., Berridge K.C. **Reward Uncertainty enhances incentive salience attribution.** *Behavioral Brain Research*, 2013 Feb 1;238:53-61
- Robinson M.J.F., Robinson T.E., Berridge K.C. **Incentive salience and the overconsumption of addictive substances.** *Interdisciplinary Science of Consumption*, MIT Press, Dec 2014.

- Robinson, M.J.F., Robinson T.E., Berridge, K.C. **Incentive salience and the transition to addiction.** Addiction Encyclopedia, Biological Research on Addiction Vol. 2, First Edition, Elsevier, 391-399, 2013.
- Richard J.M., Castro D.C., DiFeliceantonio A.G., Robinson M.J.F., Berridge K.C. **Mapping brain circuits of reward and motivation: In the footsteps of Ann Kelley.** Neuroscience & Biobehavioral Reviews 2013 Nov;37(9 Pt A):1919-31. Epub 2012 Dec 19.
- Robinson M.J., Armson M., Franklin K.B. **The effect of morphine propranolol and midazolam on the reconsolidation of a morphine place preference in chronically treated rats.** Frontiers in Behavioral Neuroscience, 2011;5:42. Epub 2011 Jul 28.
- Robinson M.J., Ross E.C., Franklin K.B. **The effect of propranolol dose and novelty of the reactivation procedure on the reconsolidation of a morphine place preference.** Behavioural Brain Research, 2011 Jan 1;216(1):281-4. Epub 2010 Aug 14.
- Robinson M.J., Franklin K.B. **Reconsolidation of a morphine place preference: impact of the strength and age of memory on disruption by propranolol and midazolam.** Behavioural Brain Research, 2010 Dec 1; 213(2):201-7
- Robinson M.J., Franklin K.B. **Central but not peripheral beta-adrenergic antagonism blocks reconsolidation for a morphine place preference.** Behavioural Brain Research, 2007 Aug 22; 182(1); 129-34
- Robinson M.J., Franklin K.B. **Effects of anisomycin on consolidation and reconsolidation of a morphine-conditioned place preference.** Behavioural Brain Research, 2007 Mar 12; 178(1); 146-53

Manuscripts in preparation

- Knes A.S., Russell T.I., Clibanoff C., Cote J.R., Freeland C.M., Robinson M.J.F. Distinguishing between predictive and incentive value of uncertain gambling-like cues in a Pavlovian autoshaping task, (under review)*
- Halter E., Ben-Ezra A., Wang A.I., Poisson C.L., Freeland C.M., Ferrario C.R., Robinson M.J.F. The impact of junk-food on 'liking' responses to sucrose, saccharin, and salt in obesity-prone and obesity-resistant rats, (in preparation)*
- Lofaro O. M., Ben-Ezra A., Robinson M.J.F. Reward preference induced by optogenetic central amygdala stimulation persists despite competitive physiological motivation, (in preparation)*
- Robinson M.J.F., Berridge K.C. **Cocaine versus natural sucrose rewards: Motivational magnet differences in Pavlovian CSs when UCSs are equivalently delivered, (in preparation)**

Castro D.C., Cole S., Robinson M.J.F., Berridge K.C. **Optogenetic VTA dopamine stimulation supports motivated 'wanting' for a reward but does not enhance hedonic 'liking'**, (in preparation)

Conferences

Cote J., Rodriguez-Cruz H.O., Robinson M.J.F. **Optogenetic stimulation of the central amygdala prolongs internal consequences of sodium depletion.** Eastern Psychological Association, March 2019, New York.

Mian M., Xu H., Poisson C.L., Vaamonde D., Chabot J.M., Freeland C.M., Robinson M.J.F. **Dissecting the addiction-like preference created by optogenetic stimulation of the central amygdala.** Eastern Psychological Association, March 2019, New York.

Rodriguez-Cruz H.O., Clibanoff C.R., Caplan K.A., Knes A.S., Robinson M.J.F. **Amphetamine sensitization reverses attraction from incentive to predictive cues under reward uncertainty.** Eastern Psychological Association, March 2019, New York.

Peng T., Rome N., Xu H., Chabot J.M., Musto M., Robinson M.J.F. **Reward uncertainty elicits cue-triggered craving for predictive and incentive cues.** Eastern Psychological Association, March 2019, New York.

Poisson C.L., Mian M., Vaamonde D., Chabot J.M., Xu H., Freeland C.M., Robinson M.J.F. **Dissecting the addiction-like preference created by optogenetic stimulation of the central amygdala.** Society for Neuroscience, November 2018, San Diego.

Robinson M.J.F., Tom R.L., Ahuja A., Maniates H., Lofaro O., Warlow S.M., Berridge K.C., Freeland C.M., **Optogenetic stimulation of the central amygdala generates addiction-like preference for reward despite adverse consequences,** Winter Conference on Brain Research, Whistler B.C., Canada, January 2018.

Knes A.S., Russell T. I., Clibanoff C., Cote J.R., Freeland C.M., Robinson M.J.F. **Distinguishing between predictive and incentive value of uncertain gambling-like cues in a Pavlovian autoshaping task.** National Collegiate Research Conference (NCRC), Harvard University, January 2018.

Knes A.S., Russell T. I., Clibanoff C., Cote J.R., Freeland C.M., Robinson M.J.F. **Distinguishing between predictive and incentive value of uncertain gambling-like cues in a Pavlovian autoshaping task.** Society for Neuroscience, November 2017, Washington D.C.

Lofaro O. M., Ben-Ezra A., Robinson M.J.F. **Reward preference induced by optogenetic central amygdala stimulation persists despite competitive physiological motivation.** Society for Neuroscience, November 2017, Washington D.C.

Russell T. I., Robinson M.J.F. **Effects of nicotine exposure and anxiety on motivation for gambling-like cues.** Society for Neuroscience, November 2017, Washington D.C.

- Ben-Ezra A., Halter E., Freeland C.M., Poisson C.L., Wang, A.I., Ferrario C.R., Robinson M.J.F. **The impact of junk-food on 'liking' responses to sucrose, saccharin and salt in obesity-prone and obesity-resistant rats.** Society for Neuroscience, November 2017, Washington D.C.*
- Robinson M.J.F., Freeland C.M., Ahuja A. **Primed cues and optogenetic inhibition of the frontal cortex generate shifts in risky decision-making.** National Center for Responsible Gaming, October 2017, Las Vegas.*
- Lofaro O. M., Ben-Ezra A., Robinson M.J.F. **Reward preference induced by optogenetic central amygdala stimulation persists despite competitive physiological motivation.** Society for the Study of Ingestive Behaviors, July 2017, Montreal, Canada.*
- Ben-Ezra A., Halter E., Freeland C.M., Poisson C.L., Wang, A.I., Ferrario C.R., Robinson M.J.F. **The impact of junk-food on 'liking' responses to sucrose, saccharin and salt in obesity-prone and obesity-resistant rats.** Society for the Study of Ingestive Behaviors, July 2017, Montreal, Canada.*
- Tom R.L., Ahuja A., Maniates H., Freeland C.M., Robinson M.J.F. **Investigating individual differences in central amygdala-induced addiction-like preference.** Eastern Psychological Association, March 2017, Boston.*
- Lofaro O. M., Robinson M.J.F. **Reward preference induced by optogenetic central amygdala stimulation persists despite competitive physiological motivation.** Eastern Psychological Association, March 2017, Boston.*
- Russell T. I., Robinson M.J.F. **Effects of nicotine exposure and anxiety on motivation for gambling-like cues.** Eastern Psychological Association, March 2017, Boston.*
- Ben-Ezra A., Halter E., Freeland C.M., Poisson C.L., Wang, A.I., Ferrario C.R., Robinson M.J.F. **The impact of junk-food on 'liking' responses to sucrose, saccharin and salt in obesity-prone and obesity-resistant rats.** Eastern Psychological Association, March 2017, Boston.*
- Freeland C.M., Ahuja A., Robinson M.J.F. **Primed cues and optogenetic inhibition of the frontal cortex generate shifts in risky decision-making.** Eastern Psychological Association, March 2017, Boston.*
- Tom R.L., Freeland C.M., Robinson M.J.F. **Investigating the Role of the Prefrontal Cortex in Central Amygdala-induced Risky Decision-Making.** Society for Neuroscience, Nov 2016, San Diego.*
- Freeland C.M., Ahuja A., Ayres F., Robinson M.J.F. **Primed cues and optogenetic inhibition of the frontal cortex generate shifts in risky decision-making.** Society for Neuroscience, Nov 2016, San Diego.*
- Tom R.L., Ahuja A., Maniates H., Freeland C.M., Robinson M.J.F. **Optogenetic activation of the central amygdala generates addiction-like preference for reward.** Eastern Psychological Association, March 2016, New York.*

Hellberg S.N., Levit J., Robinson M.J.F. **Effects of adolescent ethanol exposure and anxiety on motivation for gambling-like cues.** Eastern Psychological Association, March 2016, New York.

Robinson M.J.F., Tom R.L., Ahuja A., Maniates H. **Optogenetic stimulation of the central amygdala generates addiction-like preference for reward despite adverse consequences.** Society for Neuroscience, Oct 2015, Chicago.

Lesser E.N., Mi S.J., Arroyo-Ramirez A., Robinson M.J.F. **'Liking' and 'wanting' for a sweet reward in rodents maintained on a prenatal and lifetime junk food diet.** Society for Neuroscience, Oct 2015, Chicago.

Warlow, S.M., Robinson, M.J.F., Berridge, K.C. **Optogenetic dissection of neuroanatomical and psychological components underlying amygdala-mediated incentive motivation.** Society for Neuroscience, Oct 2015, Chicago.

Robinson M.J.F., Tom R.L., Ahuja A., Maniates H. **Optogenetic stimulation of the central amygdala enhances incentive motivation despite adverse consequences.** Gordon Research Conference: Amygdala in Health & Disease, Aug 2015, Easton MA.

Warlow, S.M., Robinson, M.J.F., Berridge, K.C. **Optogenetic stimulation of Central Amygdala magnifies motivation and controls choice for cocaine reward.** Gordon Research Conference: Amygdala in Health & Disease, Aug 2015, Easton MA.

Robinson M.J.F., Castro D.C., Berridge K.C. **Optogenetic VTA dopamine stimulation supports motivated 'wanting' for a reward but does not enhance hedonic 'liking'.** Society for Neuroscience & MCCS, Nov 2014, Washington D.C.

Nobile C.W., Goforth P.B., Corthell J.T., Robinson M.J.F., Berridge K.C., Ferrario C.R. **The enhancement of cue-induced motivation in obesity-prone vs. resistant rats is accompanied by sensitization to cocaine and increased CP-AMPA receptor expression in the NAc.** Society for Neuroscience, Nov 2014, Washington D.C.

Warlow, S.M., Robinson, M.J.F., Berridge, K.C. **Optogenetic stimulation of Central Amygdala magnifies motivation and controls choice for cocaine reward.** Society for Neuroscience, Nov 2014, Washington D.C.

Ferrario C.R., Nobile C.W., Robinson M.J.F., Berridge K.C. **Selective enhancement of cue-induced motivation in obesity prone vs. resistant rats is accompanied by sensitization to cocaine and increased striatal AMPA receptor expression.** American College of Neuropharmacology, Dec 2013, Hollywood, Florida.

Robinson M.J.F., Berridge K.C. **Optogenetic excitation of the central amygdala controls choice by making an outcome more 'wanted'.** Society for Neuroscience & MCCS, Nov 2013, San Diego.

- Ferrario C.R., Robinson M.J.F., Burghardt P.R., Nobile C.W., Akil H., Watson S.J., Berridge K.C. **Prolonged exposure to a “junk food” diet decreases D2 mRNA expression in NAc and VTA of all rats, while selectively enhancing cue-induced motivation for sweet incentives in obesity-prone rats.** Society for Neuroscience, Nov 2013, San Diego.
- Warlow, S.M., Robinson, M.J.F., Berridge, K.C. **Reward Effects of Amygdala Laser Stimulation.** Summer Institute Symposium, 2013.
- Miller D.L., Ferrario C.R., Robinson M.J.F., Berridge K.C. **Pre-existing differences in persistent attraction to food cues in obesity-prone individuals.** Society for Neuroscience, April 2013, Michigan Chapter, Detroit.
- Robinson M.J.F., Berridge K.C. **Natural rewards, gambling and addiction: re-computation of incentive motivation for reward cues.** Society for Neuroscience 2012, New Orleans. SfN Press release “Hot Topic”
- Ferrario C.R., Robinson M.J.F., Patterson C.M., Burghardt P.R., Akil H., Watson S.J., Berridge K.C. **A “junk food” diet enhances motivation for a sucrose-paired cue in obesity prone, but not obesity resistant, rats.** Society for Neuroscience 2012, New Orleans. SfN Press release “Hot Topic”
- Robinson M.J.F., Berridge K.C. **Motivational magnets: what do sucrose, salt and cocaine cues have in common?** Federation of European Neuroscience (FENS) 2012, Barcelona, Spain.
- Robinson M.J.F., Fischer A., Anselme P., Berridge K.C. **Drawn in by the unpredictable: reward uncertainty broadens the spotlight of incentive salience attribution.** Michigan Chapter of the Society for Neuroscience 2012, Ann Arbor, Michigan.
- Robinson M.J.F., Berridge K.C. **Cocaine versus natural sucrose rewards: Motivational magnet differences in Pavlovian CSs when UCSs are equivalently delivered.** Society for Neuroscience 2011, Washington D.C.
- Anselme P., Robinson M.J.F., Difeliceantonio A.G., Berridge K.C. **Replacement of goal-tracking by sign-tracking under reward uncertainty, and impairment by dopamine antagonism in the rat.** Society for Neuroscience 2011, Washington D.C.
- Robinson M.J.F., Berridge K.C. **Instant incentive salience: Dynamic transformation of an aversive salt cue into a 'wanted' motivational magnet.** Society for Neuroscience 2010, San Diego.
- Robinson M.J.F., Ross E.C., Franklin K.B.J. **Susceptibility to reconsolidation block fades with repeated reactivation.** Society for Neuroscience 2009, Chicago.
- Robinson M.J.F., Franklin K.B.J. **The effect of propranolol and midazolam on the reconsolidation of a well-conditioned morphine place preference.** Society for Neuroscience 2008, Washington, D.C.

Franklin K.B.J., Robinson M.J.F. **Effect of propranolol on the reconsolidation of a morphine conditioned place preference in dependent rats.** Society for Neuroscience 2008, Washington, D.C.

Robinson M.J.F., Franklin K.B.J. **Reconsolidation of a morphine-conditioned place preference blocked by propranolol and benzodiazepine.** Society for Neuroscience 2007, San Diego.

Robinson M.J.F., Franklin K.B.J. **L'inhibition de la synthèse de protéine bloque la consolidation, mais pas la reconsolidation pour une préférence conditionnée d'endroit.** Société du Québec des Recherches en Psychologie (SQRP) Montréal, Québec.

Robinson M.J.F., Franklin K.B.J. **Protein synthesis inhibition blocks new but not reactivated memories for a conditioned place preference.** Society for Neuroscience 2005, Washington, D.C

Invited Talks

- March 21st 2019 – Eastern Connecticut State University, Willimantic, CT – “Optogenetic Activation of the Central Amygdala Generates Individual Differences in Compulsive Reward Seeking Despite Adverse Consequences”
- March 19th 2019 – Dartmouth College, Hanover, NH – “Addiction-like Preference and Individual Differences in Compulsive Reward Seeking by Optogenetic Activation of the Central Amygdala”
- November 16th 2018 – Research Frontiers in the Sciences – “‘Liking’, ‘Wanting’, and Excessive Desire”
- July 17th 2018 - McNair Summer Fellows Workshop – “How to make & present an effective scientific poster”
- May 18th 2018 – Université de Bordeaux (France), INSERM, CNRS – “Compulsive Reward Seeking Despite Adverse Consequences: Revealing Individual Differences Generated by Optogenetic Activation of the Central Amygdala”
- April 27th 2018 – University of Sussex (UK), Sussex Addiction Research & Intervention Centre – “Optogenetic Activation of the Central Amygdala Generates Individual Differences in Compulsive Reward Seeking Despite Adverse Consequences”
- April 17th 2018 – Open University at Milton Keynes (UK), sponsored and livestreamed by the British Neuroscience Association – “Individual Differences in Compulsive Reward Seeking Despite Adverse Consequences by Optogenetic Activation of the Central Amygdala”
- April 6th 2018 – Université de la Picardie, Amiens (France), Institut Jules Verne – “Optogenetic Activation of the Central Amygdala Generates Individual Differences in Compulsive Reward Seeking Despite Adverse Consequences”

- March 22nd 2018 – Université Paris Sud, NeuroPSI (France) – “Optogenetic Activation of the Central Amygdala Generates Addiction-like Preference for Reward despite Adverse Consequences”
- March 1st 2018 – Netherlands Institute for Neuroscience, Amsterdam (Netherlands) – “Addiction-like Preference and Individual Differences in Compulsive Reward Seeking by Optogenetic Activation of the Central Amygdala”
- February 19th 2018 – Concordia University, Montreal (Canada) – “Compulsion and the Central Amygdala: Using Optogenetics to Investigate Individual Differences in Addiction-like Reward Seeking”
- January 18th 2018 – Winter Conference for Brain Research, Whistler BC (Canada) – “Optogenetic Activation of the Central Amygdala Generates Addiction-like Preference for Reward”
- November 17th 2017 – Research Frontiers in the Sciences – “‘Liking’, ‘Wanting’, and Excessive Desire”
- November 11th 2017 – Society for Neuroscience – Career and Professional Development – “Options for Funding your Laboratory: Crowdfunding”
- August 14th 2017 – Howard Hughes Medical Institute – Janelia Research Campus – “How to Start Up a Lab”
- May 3rd 2017 – College of Integrative Sciences Senior Colloquium – “Optogenetics and DREADDs: Therapeutic tools for controlling the brain?”
- April 5th 2017 – Psi Chi – “‘Liking’, ‘Wanting’, and Excessive Desire”
- October 7th 2016 – Research Frontiers in the Sciences – “‘Liking’, ‘Wanting’, and Excessive Desire”
- March 4th 2016 - Eastern Psychological Association – “Optogenetic Activation of the Central Amygdala Generates Addiction-like Preference for Reward”
- Dec 10th 2015 - Wesleyan Thinks Big 2015 – “Unconscious Desires”
- April 15th 2015 - Drugs, Harm and the Campus – “The Physiology of Drugs”
- October 10th 2014 – Natural Sciences & Mathematics Luncheon Series - “Brain Mechanisms of Desire”
- September 18th 2014 - Wesleyan University 15th Annual Molecular Biophysics Retreat - “Optogenetically Targeting Desire”

Other

Robinson M.J.F. **Designed to deceive: how gambling distorts reality and hooks your brain.** (Over 52,000 reads). The Conversation. August 2018.

Robinson M.J.F. **The real reason some people become addicted to drugs.** (Over 137,000 reads). The Conversation. September 2017.

Robinson M.J.F., Berridge K.C. **Stimulating desire: Optogenetic stimulation of the Central Amygdala (Video & Commentary).** Essentials of Cognitive Neuroscience (textbook), by Bradley R. Postle, Jan 2015.

TEACHING AND MENTORING

Courses & Guest

Lectures

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| Current Courses | <ul style="list-style-type: none">• Motivation & Reward NS&B 227• Research Methods in Behavioral Methods in Animal Research PSYC 215• Lab in Gambling, Drugs and Junk-Food PSYC 399• Introduction to Neurobiology NS&B 213 |
| Spring 2019 | <ul style="list-style-type: none">• “Compulsive Reward Seeking Despite Adverse Consequences: Revealing Individual Differences Generated by Optogenetic Activation of the Central Amygdala” – Guest Lecture – Eastern Connecticut State University – Dr. Jenna Scisco – Physiological Psychology |
| Spring 2016 | <ul style="list-style-type: none">• “Animals and the Future” – Guest Lecture - Schwanze-Beast Performance Composition – Spring Intensive lecture (Center for the Arts) |
| Fall 2011 | <ul style="list-style-type: none">• “Motivation & Reward” - Guest Lecture – Center for Prison Education Cheshire Correctional Institution |
| Winter 2007 | <ul style="list-style-type: none">• Drugs and their receptors. Introduction to Biopsychology (300 students)• Sensation & Perception. Introduction to Biopsychology (University of Michigan: Psych 230) |
| Spring 2006 | <ul style="list-style-type: none">• McGill University’s Golden Key Society Fundraiser (sole invited speaker raising over 500\$ in admission fees) |
| Fall 2006 | <ul style="list-style-type: none">• The Malleability of Human Memory and its Applications. Introduction to Psychology (McGill University: Psych 100)• The Malleability of Human Memory and its Applications (Part II). |

SERVICE AND AFFILIATIONS

Review and Editing

- Co-Editor of Special Issue on 'Commonalities in the neurobiological and psychological underpinnings of gambling disorder and drug abuse', in Progress in Neuropsychopharmacology & Biological Psychiatry
- Co-Editor of Special Issue on 'Neuronal and Psychological Underpinnings of Pathological Gambling', in Frontiers in Behavioral Neuroscience

- Ad-Hoc Reviewer: Addictive Behaviors, Appetite, Behavioral Brain Research, Biological Psychiatry, Brain Research, Emotion, Frontiers in Behavioral Neuroscience, Frontiers in Psychiatry, Frontiers in Psychology, Human Brain Mapping, Journal of Experimental Psychology, Journal of Neuroscience, Journal of Psychopharmacology, Learning & Memory, Neurobiology of Learning & Memory, Neuropsychopharmacology, Physiology & Behavior, Psychopathology & Behavioral Assessment, and Translational Psychiatry.

University Service

- Tenure-Track Representative for Division III
- University Institutional Review Board (IRB)
- Psychology Department Ethics Committee (Chair)
- Illegal Drug Task Force
- Alcohol and Other Drugs (AOD) Committee member
- Office for Career Development (OFCD) Advisory Board member
- Peer Evaluation Task Force
- Admissions Panel Speaker – Crowell Concert Hall
- Graduate School Preparation Workshop – Panelist
- Psychology Curriculum Committee
- Space Utilization Committee

Professional Memberships

- | | |
|--------------|---|
| 2017-present | • Society for the Study of Ingestive Behaviors |
| 2015-present | • Eastern Psychological Association |
| 2010-present | • Faculty of 1000, Associate member - Post publication peer-review editorial contribution |
| 2010-present | • University of Michigan Substance Abuse Research Center |
| 2007-present | • Montreal Society for Neuroscience |
| 2005-present | • Molecular Cellular Cognition Society |
| 2003-present | • Society for Neuroscience |

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