

Revised: 01/11/2023

CURRICULUM VITAE
KIMBERLY GOODYEAR CHAVANNE, Ph.D.

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EDUCATION

Undergraduate	San Diego State University, Bachelor of Science in Psychology, 2006, Cum Laude, with Distinction in Psychology for Recognition of Superior Work in the Major
Graduate	George Mason University, Doctor of Philosophy in Neuroscience, 2016

POSTGRADUATE TRAINING

Fellowship	Center for Alcohol and Addiction Studies (CAAS), Brown University, Alcohol Intervention Treatment Outcome Research Training (T32 AA007459: PI, P. Monti), 2016 – 2019
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ACADEMIC APPOINTMENTS

2019 – present	Assistant Professor of Behavioral and Social Sciences and Psychiatry and Human Behavior (Research), Center for Alcohol and Addiction Studies, Providence, RI, USA
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OTHER APPOINTMENTS

2015 – 2019	Special Volunteer, Section on Clinical Psychoneuroendocrinology and Neuropsychopharmacology, an intramural laboratory jointly funded by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and National Institute on Drug Abuse (NIDA), National Institute of Health (NIH), Bethesda, MD, USA
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HONORS AND AWARDS

2016, 2017, 2018	Student Merit Travel Award, Research Society on Alcoholism (RSA)
2017	National Institute of Health Travel Award, International Congress on Alcohol and Stress, Volterra, Italy
2017	Workshop on Clinical Trials on Psychopharmacology Travel Award, American Society of Clinical Psychopharmacology, New York, New York, USA
2017	Research Excellence Award, Center for Alcohol and Addiction Studies, Brown University, Providence, Rhode Island, USA
2017	Innovation Lab Buffalo Award, University of Buffalo and Vanderbilt University, Radical Solutions to the Opioid Misuse Epidemic, Buffalo, New York, USA
2019	First Prize Postdoctoral Fellow Research Poster, Mind Brain Day, Brown University, Providence, Rhode Island, USA
2020	AMERSA Virtual Conference Travel Award, AMERSA, Virtual Conference, USA
2021	Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR), National Institutes of Health

Ad Hoc Reviewer

Public Library of Science (PLOS ONE), Frontiers in Human Neuroscience, Alcohol and Alcoholism, Experimental and Clinical Psychopharmacology, Biological Psychiatry, Drug and Alcohol Dependence, Health Education, Psychopharmacology, Substance Use and Misuse, International Journal of Drug Policy, Physiology and Behavior, Journal of Addiction, Nutrition, Metabolism and Cardiovascular Diseases, Journal of Addictive Diseases, European Neuropsychopharmacology, Journal of Psychiatric Research, Frontiers in Psychiatry, Alpha Psychiatry, American Journal of Public Health, Health Education Journal, Preventative Medicine, Stigma and Health, Expert Opinion on Pharmacotherapy, International Journal of Mental Health and Addiction

Abstract Reviewer

Society for Research on Nicotine and Tobacco (SRNT), Brown's School of Public Health Research Day

MEMBERSHIP IN SOCIETIES

2011 – present	Society for Neuroscience (SfN)
2011 – present	Social and Affective Neuroscience Society (SANS)

2011 – present	Society for Social Neuroscience (S4SN)
2013 – present	Cognitive Neuroscience Society (CNS)
2013 – present	American Psychological Association (APA)
2013 – present	Association for Psychological Science (APS)
2015 – present	Research Society on Alcoholism (RSA)

UNIVERSITY SERVICE AND COMMITTEES

2017 – 2020	CAAS Rounds Member, Center for Alcohol and Addiction Studies Rounds Committee, Brown University, Member
2017 – present	Fulbright Committee Member, Fulbright Student Fellowship Program, Brown University
2020 – present	CAAS Rounds Member, Center for Alcohol and Addiction Studies Rounds Committee, Brown University, Co-chair

NATIONAL OR INTERNATIONAL SERVICE

2021 – present	RSA Diversity Committee Member, Climate and Representation subcommittee
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PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Goodyear K.**, Lee M. R., O'Hara M., Chernyak S., Walter H., Parasuraman R., & Krueger, F. (2016). Oxytocin influences intuitions about the relationship between belief in free will and moral responsibility. *Social neuroscience*, *11*(1), 88-96.
2. **Goodyear K.**, Parasuraman R., Chernyak S., de Visser E., Madhavan P., Deshpande G., & Krueger F. (2016). An fMRI and effective connectivity study investigating miss errors during advice utilization from human and machine agents. *Social Neuroscience*, 1-12.
3. **Goodyear K.**, Parasuraman R., Chernyak S., Madhavan P., Deshpande G., & Krueger, F. (2016). Advice taking from humans and machines: an fMRI and effective connectivity study. *Frontiers in Human Neuroscience*, *10*, 542.
4. Bellucci G., Chernyak S., **Goodyear K.**, Eickhoff S.B., Krueger F. (2017). Neural signatures of trust in reciprocity. (2017) *Human Brain Mapping*, *38*(3):1233-1248.
5. **Goodyear K.**, Lee M.L., Schwandt M.L., Hodgkinson H.A., & Leggio L. (2017). Hepatic, lipid and genetic factors associated with alcohol dependence: crosstalk with obesity? *The World Journal of Biological Psychiatry*, *1*, 1-9.
6. de Visser E., Monfort S.S., **Goodyear K.**, Lu L., Lee M.R., O'Hara M., Parasuraman R.,

- Krueger F. (2017). A little anthropomorphism goes a long way: Effects of oxytocin on trust, compliance and team performance with cognitive agents. *Human Factors*, 59(1), 116-133.
7. Haass-Koffler C.L., **Goodyear K.**, Zywiak W.H., Magill M., Eltinge S.E., Wallace P.M., Long V.M., Jayaram-Lindström N., Swift R.M., Kenna G.A., & Leggio L. (2017). Higher pretreatment blood pressure is associated with greater alcohol drinking reduction in alcohol-dependent individuals treated with doxazosin. *Drug and Alcohol Dependence*, 177, 23-28.
 8. Haass-Koffler C.L., **Goodyear K.**, Long V.M., Loche A., Cacciaglia R., Swift R.M., Leggio L. (2017). A Phase I randomized clinical trial for the safety, tolerability and pharmacokinetics of the mGluR5 negative allosteric modulator GET73 following single and repeated doses in healthy volunteers. *European Journal of Pharmaceutical Sciences*, 109, 78-85.
 9. Haass-Koffler C.L., **Goodyear K.**, Loche A., Long V.M., Cacciaglia R., Swift R.M., Leggio L. (2017). Dataset for Phase I clinical trial for safety and tolerability of GET 73 in single and repeated doses including preliminary pharmacokinetics parameters. *Data in Brief*, 15, 407-413.
 10. Haass-Koffler C.L., **Goodyear K.**, Loche A., Long V.M., Lobina C., Tran H.H., Swift R.M., Columbo G. & Leggio L. (2018). Administration of the metabotropic glutamate receptor subtype 5 allosteric modulator GET 73 with alcohol: A translational study in rats and humans. *Journal of Psychopharmacology*, 32(2), 163-173.
 11. Haass-Koffler C.L., **Goodyear K.**, Zywiak W., Kenna G.A., Leggio L. and Swift R.M. (2018). Comparing and combining topiramate and aripiprazole on alcohol-related outcomes in a human laboratory study. *Alcohol and Alcoholism*, 53(3), 268-276.
 12. **Goodyear K.**, Haass-Koffler C.L., Chavanne D. (2018). Opioid use and stigma: the role of gender, language and precipitating events. *Drug and alcohol dependence*, 185, 339-346.
 13. **Goodyear K.** (2019). Multisensory Environments to Measure Craving During Functional Magnetic Resonance Imaging. *Alcohol and Alcoholism*, 54(3), 193-195.
 14. Chavanne, D., & **Goodyear, K.** (2019). Waking Up from Dreamland: Opioid Addiction Precipitance and Support for Redistributive Drug Treatment. *Journal of drug policy analysis*, 12(1).
 15. **Goodyear, K.**, & Chavanne, D. (2020). Sociodemographic characteristics and the stigmatization of prescription opioid addiction. *Journal of Addiction Medicine*, 14(2), 150-155.

16. **Goodyear K.**, & Haass-Koffler, C. L. (2020). Opioid craving in human laboratory settings: a review of the challenges and limitations. *Neurotherapeutics*, 17(1), 100-104.
17. **Goodyear K.** & Chavanne, D. (2021). Stigma and policy preference toward individuals who transition from prescription opioids to heroin. *Addictive Behaviors*, 115, 106784.
18. **Goodyear K.**, Vasaturo-Kolodner T.R., Kenna G.A., Swift R.M., Leggio L. and Haass-Koffler C.L. (2021). Alcohol-related changes in behaviors and characteristics from the baseline to the randomization session for treatment and non-treatment seeking participants with alcohol use disorder. *The American Journal of Drug and Alcohol Abuse*, 1-9.
19. **Goodyear K.**, Miranda R., & MacKillop J. (2022). Behavioral economic analysis of topiramate pharmacotherapy for alcohol: a placebo-controlled investigation of effects on alcohol reinforcing value and delayed reward discounting. *Psychopharmacology*, 1-9.
20. **Goodyear K.**, Ahluwalia J.S. and Chavanne D., (2022). The impact of race, gender, and heroin use on opioid addiction stigma. *Journal of Substance Abuse Treatment*, 143, 108872
21. **Goodyear K.**, Moyo P., Avila J.C., Ahluwalia J.S., Monnig M.A. (2022) Associations between alcohol and cannabis use before and during the COVID-19 pandemic: Results of a community survey. *Addictive Behaviors Reports*, 16, 100455.
22. Moyo, P., Eliot, M., Shah, A., **Goodyear, K.**, Jutkowitz, E., Thomas, K., & Zullo, A. R. (2022). Discharge locations after hospitalizations involving opioid use disorder among medicare beneficiaries. *Addiction Science & Clinical Practice*, 17(1), 1-10.
23. Pielech M., Meisel S., Berey, B., **Goodyear K.**, Treloar Padovano H., & Miranda R. Jr. (In press). Leveraging ecological momentary assessment to examine bi-directional associations between sleep quality, adolescent/young adult alcohol craving, and use. *Annals of Behavior Medicine*.
24. Monnig M.A., Clark S.E., Avila J.C., Sokolovsky A.W., Padavano H.T., **Goodyear K.**, Aston E.R., Haass-Koffler C.L., Tidey J.W., Ahluwalia J.S., Monti P.M. (In press). COVID-19-Related Stressors and Clinical Mental Health Symptoms in a Northeast US Sample. *International Journal of Environmental Research and Public Health*.

BOOK CHAPTERS

1. **Goodyear K.**, & Krueger, F. (2019). Neural Signatures of Advice Utilization During Human–Machine Agent Interactions: Functional Magnetic Resonance Imaging and Effective Connectivity Evidence. In *Neuroergonomics* (pp. 159-164). Academic Press.

PUBLICATIONS SUBMITTED OR UNDER REVIEW

1. Meisel S.N., Padovano H.T., Pielech M., **Goodyear K.**, and Miranda R. Jr. Peer elicited alcohol craving in adolescents and emerging adults: Bridging the laboratory and natural environment (Under Second Review).

INVITED PRESENTATIONS

1. Connecticut College, New London, Connecticut, October 2017, *Opioid use and stigma: what really matters?*

OTHER PRESENTATIONS

National

1. **Goodyear K.**, Moody L., Parasuraman R., McCabe K., Twieg P., DeVisser E., O'Hara M., Lee M., Krueger F. *Oxytocin increases lying in high empathetic individuals during a two-person communication game*. Poster presented at the 25th Association for Psychological Science Annual Convention, 2013, Washington D.C.
2. Chernyak S., **Goodyear K.**, Parasuraman R., O'Hara M., Lee M., Krueger F. *Oxytocin selectively reduces moral blame within free-will and not deterministic context*. Poster presented at the 25th Association for Psychological Science Annual Convention, 2013, Washington D.C.
3. **Goodyear K.**, Bowman A., Chernyak S., De Visser E., Parasurman R., Krueger F. *How automation bias influences human-human and human-automation trust: an fMRI study*. Poster presented at the 21st Cognitive Neuroscience Society Annual Meeting, 2014, Boston, Massachusetts.
4. Chernyak S., Hoffman M., Deshpande G., Dal Monte O., **Goodyear K.**, Kumar K., Knutson K., Grafman J., Krueger F. *The medial prefrontal cortex as the driver of the third-party punishment network: functional MRI and Granger causality mapping evidence*. Poster presented at the 122nd American Psychological Association Annual Convention, 2014, Washington D.C.
5. **Goodyear, K.**, Lee M., O'Hara M., Chernyak S., Walter H., Parasuraman R., Krueger F. *Turning the other cheek: Oxytocin influences intuitions about the relationship between free will and moral responsibility*. Poster presented at the 5th Society for Social Neuroscience Annual Meeting, 2014, Washington, D.C.
6. **Goodyear, K.**, Parasuraman R., Chernyak S., Madhavan P., Deshpande G., Krueger F. *Comparisons of advice utilization during human and machine agent interactions: a functional magnetic resonance imaging and effective connectivity study*. Poster presented at the 6th Society for Social Neuroscience Annual Meeting, 2015, Chicago, Illinois.

7. **Goodyear K.**, Lee M.L., Schwandt M.L., & Leggio L. *Preliminary findings on the relationship between metabolic factors and alcohol dependence*. Poster presented at the 39th Annual Research Society on Alcoholism Scientific Meeting, 2016, New Orleans, Louisiana.
8. Haass-Koffler C.L., **Goodyear K.**, Eltinge S.E., Wallace P.M., Long V.M., Cacciaglia R., Swift R.M. & Leggio L. *Safety, tolerability, pharmacokinetics and alcohol interactions of GET73 and its metabolite MET2*. Poster presented at the 40th Annual Research Society on Alcoholism Scientific Meeting, 2017, Denver, Colorado.
9. **Goodyear K.**, Haass-Koffler C.L., Eltinge S.E., Chavanne D., Wallace P.M., Long V.M. Swift R.M., & Leggio L. *Elasticity of alcohol demand as a moderator of alcohol drinking in alcohol-dependent individuals treated with doxazosin*. Poster presented at the 40th Annual Research Society on Alcoholism Scientific Meeting, 2017, Denver, Colorado.
10. **Goodyear K.**, Chavanne D., Long V.N., Souza R.D., Swift R.M., Leggio L., Haass-Koffler C.L. *Substance use and stigmatizing attitudes*. Poster presented at the Research Society on Alcoholism Scientific Meeting, 2018, San Diego, California.
11. Kipp A.M., Shrivner O.B., **Goodyear K.** *Psychosocial correlates of executive function in individuals with opioid use disorder who are actively using opioids*. Poster virtually presented at the College on Problems of Drug Dependence Annual Scientific Meeting, 2020
12. **Goodyear K.**, Chavanne C. *Stigma and opioid addiction: what we have learned from the opioid epidemic*. Poster virtually presented at the Association for Multidisciplinary Education and Research in Substance use and Addiction (AMERSA) Conference, 2020
13. Shrivner O.B., Kipp A.M., **Goodyear K.** *Assessing the impact of psychosocial stressors and opioid use disorder on cognitive executive functions: Iowa Gambling and Stroop tasks*. Poster virtually presented at the Complexity and Cognition Satellite Conference on Complex Systems, 2020
14. **Goodyear K.**, Vasaturo-Kolodner T., Leggio L., Kenna G., Swift R.M, Haass-Koffler C.L. *What is the true baseline session? A comparison of changes in alcohol-related characteristics from screening to randomization in treatment and non-treatment seekers*. Poster virtually presented at the Research Society on Alcoholism Scientific Meeting, 2021.
15. **Goodyear K.**, Ahluwalia J. and Chavanne C. *Public stigma and opioid addiction: the role of gender, race and opioid type*. Poster virtually presented at the AMERSA Conference, 2021

16. Moyo P., **Goodyear K.**, Jutkowitz E., Thomas K., Zullo A.R. *Discharge Locations after Hospitalizations Involving Opioid Use Disorder among Medicare Enrollees*. Poster virtually presented at the Gerontological Society of America Conference, 2022.
17. McIntyre-Wood C, Amlung M, Vandehei E, Vidal M, Hargreaves T, Syan S, Levitt E, Scarfe M, Sarles-Whittlesley H, McNally S, **Goodyear K.** & Mackillop J. *Neural basis of elevated alcohol reinforcing value in alcohol use disorder: a case-control study*. Poster presented at the Research Society on Alcoholism Scientific Meeting, 2022, Orlando, Florida.
18. Portis, S. M., Meisel, S., **Goodyear, K.**, & Miranda Jr, R. *Examining cognitive functioning as a predictor of medication adherence in a clinical trial of topiramate with heavy-drinking youth*. Poster presented at the Research Society on Alcoholism Scientific Meeting, 2022, Orlando, Florida.
19. **Goodyear, K.**, B. Berey, S. Portis, S. Meisel, M. Pielech, H. Treloar Padovano, J. Mackillop, and R. Miranda Jr. *The predictive utility of behavioral economic measures for drinking outcomes during topiramate pharmacotherapy*. Poster presented at the Research Society on Alcoholism Scientific Meeting, 2022, Orlando, Florida.

International

1. Cherynak S., **Goodyear K.**, Krueger F. Neural Signatures of Interpersonal Trust: A Coordinate-based Meta-analysis. Posted presented at the 10th NeuroPsychoEconomics Conference, 2014, Bonn, Germany.
2. Bellucci G., Chernyak S., **Goodyear K.**, Krueger F. *Neural signatures of trust in reciprocity: a coordinate-based meta-analysis*. Poster presented at the Psychology and Brain Annual Meeting, 2016, Berlin, Germany.
3. **Goodyear K.**, Haass-Koffler C.L., Zywiak W.H., Magill M., Wallace P.M., Swift R.M., Kenna G.A., & Leggio L. *Family history density of alcoholism and blood pressure as moderators for drinking reduction in alcohol-dependent individuals treated with doxazosin*. Posted presented at the 4th International Congress on Alcoholism and Stress, 2017, Volterra, Italy.
4. **Goodyear K.**, Swift R.M., Leggio L., Haass-Koffler C.L. *Neural responses to multisensory alcohol cues in heavy-drinking smokers*. Poster presented at the 17th European Society for Biomedical Research on Alcoholism, 2019, Lille, France.

Local

1. Eltinge S.E., **Goodyear K.**, Chavanne D., Wallace P.M., Long V.M., Swift R.M., Leggio L. & Haass-Koffler C.L. *Demand inelasticity and higher demand intensity on the Alcohol Purchase Task is associated with greater reduction in drinking in patients with Alcohol Use Disorder*. Poster presented at Mind Brain Research Day, 2017 Brown University, Providence, Rhode Island.

2. Long V.M., **Goodyear K.**, Loche L., Cacciaglia R., Swift RM, Leggio L & Haass-Koffler CL. *Safety, tolerability and pharmacokinetics of the mGluR5 negative allosteric modulator GET73 following single and repeated doses in healthy volunteers.* Poster presented at Mind Brain Research Day, 2017, Brown University, Providence, Rhode Island.
3. Long V.M., **Goodyear K.**, Loche L., Cacciaglia R., Swift R.M., Leggio L. & Haass-Koffler C.L., *A phase 1 randomized cross-over drug-alcohol interaction study with the mGluR5 negative allosteric modulator GET73 in healthy male volunteers.* Poster presented at Mind Brain Research Day, 2017, Brown University, Providence, Rhode Island.
4. Tran H., Long V.M., **Goodyear K.**, Loche A., Cacciaglia R., Swift R.M., Leggio L. & Haass-Koffler C.L., *Safety, tolerability and pharmacokinetics of the mGluR5 negative allosteric modulator GET73 following single and repeated doses in healthy volunteers.* Poster presented at School of Public Health Research Day, 2017, Brown University, Providence, Rhode Island.
5. Long V.M., **Goodyear K.**, Loche L., Cacciaglia R., Swift R.M., Leggio L. & Haass-Koffler C.L. *A phase 1 randomized cross-over drug-alcohol interaction study with the mGluR5 negative allosteric modulator GET73 in healthy male volunteers.* Poster presented at Mind Brain Research Day, 2017, Brown University, Providence, Rhode Island.
6. Haass-Koffler C.L., **Goodyear K.**, Tran H.H., Swift R.M., and Leggio L. *Analysis of endogenous hormones in alcoholic smokers.* Poster presented at the Summer Research Symposium, 2017, Brown University, Providence, Rhode Island.
7. **Goodyear K.** *Opioid use and Stigma: what really matters?* Presentation at CAAS Rounds, 2018.
8. **Goodyear K.**, Swift R.M., Leggio L., Haass-Koffler C.L. *Neural responses to alcohol cues in heavy-drinking smokers.* Poster presented at the Public Health Research Day, 2019, Brown University, Providence, Rhode Island
9. **Goodyear K.**, Swift R.M., Leggio L., Haass-Koffler C.L. *Neural responses to alcohol cues in heavy-drinking smokers.* Poster presented at Mind Brain Research Day, 2019, Brown University, Providence, Rhode Island
10. Vasaturo-Kolodner T.R., **Goodyear K.**, Kenna G.A., Swift R.M., Leggio L. and Haass-Koffler C.L. *Alcohol-related changes in behaviors and characteristics from the baseline to the randomization session for participants with alcohol use disorder.* Poster presented at the Public Health Research Day, 2021, Brown University, Providence, Rhode Island

GRANTS

Current Grants

K01 AA026874 (PI: Goodyear) 05/15/19 – 04/30/24
NIAAA \$905,200

The Neural Mechanisms Associated With Alcohol and Cigarette Craving in Alcohol Use Disorder Smokers During Oxytocin Treatment

The goal of this study is to use a cue reactivity paradigm to evaluate the efficacy of intranasal oxytocin as a pharmacological treatment for multisensory cue-induced alcohol and cigarette craving in smokers with alcohol use disorder.

Role: Principal Investigator

Research Excellence Award (REA) (PI: Goodyear) 10/01/2022 – 09/30/2023
Center for Alcohol and Addiction Studies, Brown University \$136,769

A fMRI Investigation of the Mechanisms Involved with Cannabidiol Pharmacotherapy for Alcohol Use Disorder

This pilot project will examine the neural mechanisms involved with cannabidiol as a novel pharmacological target for alcohol use disorder.

Role: Principal Investigator

Completed Grants

Research Excellence Award (REA) (PI: Goodyear) 09/04/17 – 09/05/18
Center for Alcohol and Addiction Studies, Brown University Center for Alcohol and Addiction Studies, Brown University \$7,930

The Neural Mechanisms Associated with Alcohol and Cigarette Craving During Olfactory Cues: a pilot fMRI study

The overall goal of this study is to collect pilot data on the effects of olfactory alcohol cues on brain activation and on alcohol and cigarette craving in heavy-drinking smokers.

Role: Principal Investigator

Innovation Lab Pilot Funds 06/01/18 – 01/31/19
Radical Solutions to the Opioid Epidemic, University of Buffalo \$3,000

Impact of psychological stress on Opioid Use Disorder (OUD) trajectories

The goal of this pilot study is to examine the relationship between stress-related psychosocial factors (e.g., environmental instability, socioeconomic status) on cognitive and executive function.

Role: Co-Investigator

Research Enhancement Action-Fund (REAF) (PI: Goodyear) 11/23/20 – 11/23/21
Center for Alcohol and Addiction Studies, Brown University \$7,200

Understanding the impact of race on public attitudes toward individuals and communities with opioid addiction

The overall goal of this study is to greater understanding of racial health disparities for individuals and groups by examining stigma attitudes toward opioid addiction.

Role: Principal Investigator

UNIVERSITY MENTORING

2016 – present	Undergraduate Advisor	Brown University, Providence, RI Undergraduate advisees: Sarah Eltinge, Harrison Tran, Rachel Souza, Mikael Lehoux
2022	Faculty Advisor	Karen T. Romer Undergraduate Teaching and Research Award (UTRA), Brown University, Providence, RI, Undergraduate awardee: Allison Lu

UNIVERSITY TEACHING ROLES

2022	Instructor of record	<i>Substance Use and Vulnerability to Addiction</i> , Brown University
2018	Invited Lecturer	<i>Psychoactive Drugs and Society</i> , Brown University. Class lecture: “Current topics in alcohol and opioid research”