

## CURRICULUM VITAE

Date of Revision: August 24, 2021  
Name: Brian D. Kiluk, PhD  
School: Yale School of Medicine

### Education:

BA, State University of New York at Albany Psychology 2000  
MA, University of Maryland at Baltimore 2006  
PhD, University of Maryland at Baltimore 2009

### Career/Academic Appointments:

2008 - 2009 Predoctoral Intern, Psychology, VA Connecticut Healthcare System, West Haven, CT  
2009 - 2011 Postdoctoral Fellow, Psychiatry, Yale School of Medicine, New Haven, CT  
2011 - 2012 Associate Research Scientist, Psychiatry, Yale School of Medicine, New Haven, CT  
2012 - 2018 Assistant Professor, Psychiatry, Yale School of Medicine, New Haven, CT  
2018 - present Associate Professor on Term, Psychiatry, Yale School of Medicine, New Haven, CT

### Administrative Positions:

Director, Technology-Based Interventions  
2021 - present Director, Psychotherapy Development Center, Yale School of Medicine, New Haven, CT

### Professional Honors & Recognition:

#### International/National/Regional

2015 Research Society on Alcoholism (RSA), Mechanisms of Behavior Change Satellite Travel Award  
2015 Collaborative Perspectives on Addiction Meeting, Best Clinical Research Symposium  
2012 College of Problems on Drug Dependence (CPDD), Early Career Investigator Travel Award  
2011 American Psychological Association (APA) Division 28 & 50, NIDA Early Career Travel Award  
2011 College on Problems of Drug Dependence (CPDD), NIDA Director's Travel Award

### Grants/Clinical Trials History:

#### Current Grants

Agency: National Institute on Drug Abuse  
I.D.#: U01DA051639

Title: Development of the Opioid Use Disorder Severity Scale  
Role: Principal Investigator  
Percent effort: N/A  
Direct costs per year: \$339,439.00  
Total costs for project period: \$1,685,708.00  
Project period: 7/1/2020

Agency: National Institute on Alcohol Abuse and Alcoholism  
I.D.#: K02AA027300  
Title: Integrating Cognitive Neuroscience Toward Understanding of Mechanisms of CBT for Alcohol Use Disorders  
Role: Principal Investigator  
Percent effort: N/A  
Direct costs per year: \$132,450.00  
Total costs for project period: \$715,230.00  
Project period: 9/20/2019

Agency: National Institute on Alcohol Abuse and Alcoholism  
I.D.#: R01AA025605  
Title: Computer Training in CBT for Spanish-speaking Alcohol Users  
P.I.: Paris, Manuel  
Role: Multiple Principal Investigator  
Percent effort: N/A  
Direct costs per year: \$330,380.00  
Total costs for project period: \$2,573,076.00  
Project period: 5/1/2017

Agency: National Institute on Drug Abuse  
I.D.#: R33DA041661  
Title: Identification of a Meaningful Cocaine Use Outcome Measure  
Role: Principal Investigator  
Percent effort: N/A  
Direct costs per year: \$221,858.00  
Total costs for project period: \$1,574,196.00  
Project period: 9/15/2016

Agency: National Institute on Alcohol Abuse and Alcoholism  
I.D.#: R01AA024122  
Title: Efficacy and Mechanisms of CBT4CBT for Alcohol Use Disorders  
Role: Principal Investigator

Percent effort: N/A  
Direct costs per year: \$355,575.00  
Total costs for project period: \$2,682,903.00  
Project period: 5/5/2016

Agency: National Institute on Drug Abuse  
I.D.#: T32DA007238  
Title: Research Training Fellowship in Substance Abuse  
P.I.: Petrakis, Ismene  
Role: Multiple Principal Investigator  
Percent effort: N/A  
Direct costs per year: \$238,902.00  
Total costs for project period: \$1,309,036.00  
Project period: 7/1/1988

#### Current Clinical Trials

Agency: National Institute on Drug Abuse (NIDA)  
I.D.#: HIC# 2000021496  
Title: Targeting self-regulatory deficits through cognitive remediation intervention  
P.I.: Arielle Baskin-Sommers  
Role: Sub-Investigator  
Percent effort: N/A  
Total costs for project period: N/A  
Project period: 9/1/2017

Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA)  
I.D.#: HIC# 2000020677  
Title: Computer Training in CBT for Spanish-speaking Alcohol Users  
P.I.: Manuel Paris  
Role: Sub-Investigator  
Percent effort: N/A  
Total costs for project period: N/A  
Project period: 4/6/2017

Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA)  
I.D.#: HIC# 1511016759  
Title: Efficacy and Mechanisms of CBT4CBT for Alcohol Use Disorders  
Role: Principal Investigator  
Percent effort: N/A  
Total costs for project

period: N/A  
Project period: 1/14/2016

### Past Clinical Trials

Agency: National Institute on Drug Abuse (NIDA)  
I.D.#: HIC# 1405013937  
Title: The Effect of Cognitive Enhancement as a Precursor to Computer Based Training for Cognitive Behavioral Therapy (CBT4CBT) (Project 1)  
P.I.: Kathleen Carroll  
Role: Sub-Investigator  
Percent effort: N/A  
Total costs for project period: N/A  
Project period: 6/16/2014 - 2/5/2021

Agency: National Institute on Drug Abuse (NIDA)  
I.D.#: HIC# 1004006632  
Title: Computer Based Training in Cognitive Behavioral Therapy Web-based (Man VS Machine)  
P.I.: Kathleen Carroll  
Role: Sub-Investigator  
Percent effort: N/A  
Total costs for project period: N/A  
Project period: 5/5/2010 - 2/5/2018

Agency: National Institute on Drug Abuse (NIDA)  
I.D.#: HIC# 1205010253  
Title: Performance Based Reinforcement to Enhance Cognitive Remediation Treatment in Substance Users  
Role: Principal Investigator  
Percent effort: N/A  
Total costs for project period: N/A  
Project period: 9/5/2012 - 9/1/2015

Agency: National Institute on Alcohol Abuse and Alcoholism (NIAAA)  
I.D.#: HIC# 1204010157  
Title: Computer Based Training in Cognitive Behavioral Therapy Web-based delivery of CBT4CBT for Alcohol  
P.I.: Kathleen Carroll  
Role: Sub-Investigator  
Percent effort: N/A  
Total costs for project

period: N/A  
Project period: 5/24/2012 - 8/6/2015

## Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

### International/National

- 2018: Association for Behavioral Analysis International, Washington, DC. "Cognitive Behavioral Therapy for Substance Use Disorders: Development and Evaluation of a Computerized CBT Program"
- 2018: Addiction Clinical Trials, Translations, Innovations, Opportunities, and Networks, Rockville, MD. "Overview of Substance Use Outcomes in Other SUD Trials"
- 2017: Sheppard Pratt Hospital, Baltimore, MD. "Identifying and Enhancing Mechanisms of a Computer-Based Treatment for Substance Use Disorders"
- 2016: Analgesic, Anesthetic, and Addiction Clinical Trials Translations, Innovations, Opportunities, and Networks, Rockville, MD. "An Indicator of Good Functioning: Validation and Association with Cocaine Use"

### Regional

- 2017: Jersey Shore Medical Center, Neptune City, NJ. "Utilizing Technology to Deliver an Evidence-based Treatment for Substance Use Disorders"
- 2016: Lincoln Hospital Department of Psychiatry, Bronxville, NY. "The Efficacy and Mechanisms of Computerized Treatment for Substance Use"

## Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:

### International/National

- 2019: College on Problems of Drug Dependence, San Antonio, TX. "Identifying Meaningful Alternatives to Abstinence for Cocaine Use Clinical Trials"
- 2018: Association for Behavioral and Cognitive Therapies, Washington, DC. "Computer Delivered CBT for Alcohol Use: Identifying Unique and Common Mechanisms of Behavior Change"
- 2017: American Psychological Association, Washington, DC. "Computer Based Training for Cognitive Behavioral Therapy (CBT4CBT) for Alcohol Use Disorders: Evaluation of Delivery Methods"
- 2017: Research Society on Alcoholism, Denver, CO. "Computerized Cognitive Behavioral Therapy for Alcohol Use Disorders: Understanding the Mediators of Treatment Effects"
- 2015: Research Society on Alcoholism Satellite Meeting on Mechanisms of Behavior Change, San Antonio, TX. "Computerized delivery of an evidence-based treatment: Improving dissemination while advancing the understanding of mechanisms of behavior change"
- 2015: Collaborative Perspectives on Addiction Annual Meeting, Baltimore, MD. "CBT4CBT: Using technology to enhance dissemination and elucidate the mechanisms of an evidence-based treatment"
- 2015: College on Problems of Drug Dependence, Palm Springs, CA. "The acquisition of coping skills from cognitive behavioral therapy for substance use disorders: It's all in the starting position"

- 2014: Association for Psychological Science Annual Convention, San Francisco, CA. "Smart phones, smart drugs, smart money, and smart talk: Cognitive interventions for addiction"
- 2014: Research Society on Alcoholism Annual Scientific Meeting, Bellevue, WA. "CBT ingredients and mechanisms in AUD/SUD: What we've learned in the past 10 years and what's still missing"

#### Virtual Location

- 2020: College on Problems of Drug Dependence, College of Problems on Drug Dependence 82nd Annual Scientific Meeting. "Evidence-Based Candidate Endpoints for Stimulant Use Disorders"

#### Professional Service:

##### Peer Review Groups/Grant Study Sections

- 2019 - present Ad-hoc Member, National Institute on Alcohol Abuse and Alcoholism
- 2015 - 2017 Member, National Institutes of Health, Center for Scientific Review
- 2013 - 2016 Ad-hoc Member, Department of Veterans Affairs

##### Advisory Boards

- 2019 - present Chair, Data Safety and Monitoring Board, National Institute of Dental and Craniofacial Research
- 2018 - present Member, Data Safety and Monitoring Board, VA Connecticut Healthcare System MIRECC

##### Journal Service

###### *Editor/Associate Editor*

- 2020 - present Associate Editor, Psychology of Addictive Behaviors, Consulting Editor
- 2014 Guest Editor, Journal of Substance Abuse Treatment

###### *Reviewer*

- 2019 - present Reviewer, Neuropsychopharmacology
- 2019 - present Reviewer, Psychopharmacology
- 2018 - present Reviewer, Alcoholism: Clinical and Experimental Research
- 2017 - present Reviewer, The Lancet Psychiatry
- 2017 - present Reviewer, Annals of Internal Medicine
- 2016 - present Reviewer, Journal of Addiction Medicine
- 2015 - present Reviewer, Journal of Consulting and Clinical Psychology
- 2015 - present Reviewer, Addictive Behaviors
- 2015 - present Reviewer, American Journal of Psychiatry
- 2014 - present Reviewer, Clinical Psychology Review
- 2013 - present Reviewer, Drug and Alcohol Dependence
- 2013 - present Reviewer, American Journal on Addictions
- 2013 - present Reviewer, Journal of Studies on Alcohol and Drugs
- 2012 - present Reviewer, American Journal of Drug and Alcohol Abuse

2011 - present Reviewer, Addiction  
2011 - present Reviewer, Journal of Substance Abuse Treatment

### Professional Service for Professional Organizations

#### *American Psychological Association*

2009 - present Member, American Psychological Association

#### *Association of Behavioral and Cognitive Therapies*

2009 - 2012 Member, Association of Behavioral and Cognitive Therapies

#### *College on Problems of Drug Dependence*

2018 - present Committee Member, College on Problems of Drug Dependence, Program Committee

2016 - present Member, College on Problems of Drug Dependence

#### *Research Society on Alcoholism*

2018 - present Member, Research Society on Alcoholism

### Yale University Service

#### *Medical School Committees*

2019 - present Member, Faculty Advisory Council

#### *Departmental Committees*

2019 - present Executive Committee Member, Doctoral Internship Training Committee

2015 - present Member, Curriculum Committee

#### *Hospital Boards & Committees*

2015 - present Member, Pharmacy and Therapeutics Committee

### Bibliography:

#### Peer-Reviewed Original Research

1. Tracy K, Babuscio T, Nich C, **Kiluk B**, Carroll KM, Petry NM, Rounsaville BJ. Contingency Management to reduce substance use in individuals who are homeless with co-occurring psychiatric disorders. *The American Journal Of Drug And Alcohol Abuse* 2007, 33:253-8.
2. **Kiluk BD**, Weden S, Culotta VP. Sport participation and anxiety in children with ADHD. *Journal Of Attention Disorders* 2009, 12:499-506.
3. **Kiluk BD**, Nich C, Carroll KM. Neurocognitive indicators predict results of an informed-consent quiz among substance-dependent treatment seekers entering a randomized clinical trial. *Journal Of Studies On Alcohol And Drugs* 2010, 71:704-12.

4. **Kiluk BD**, Nich C, Babuscio T, Carroll KM. Quality versus quantity: acquisition of coping skills following computerized cognitive-behavioral therapy for substance use disorders. *Addiction* (Abingdon, England) 2010, 105:2120-7.
5. **Kiluk BD**, Nich C, Carroll KM. Relationship of cognitive function and the acquisition of coping skills in computer assisted treatment for substance use disorders. *Drug And Alcohol Dependence* 2011, 114:169-76.
6. Carroll KM, **Kiluk BD**, Nich C, Babuscio TA, Brewer JA, Potenza MN, Ball SA, Martino S, Rounsaville BJ, Lejuez CW. Cognitive function and treatment response in a randomized clinical trial of computer-based training in cognitive-behavioral therapy. *Substance Use & Misuse* 2011, 46:23-34.
7. **Kiluk BD**, Sugarman DE, Nich C, Gibbons CJ, Martino S, Rounsaville BJ, Carroll KM. A methodological analysis of randomized clinical trials of computer-assisted therapies for psychiatric disorders: toward improved standards for an emerging field. *The American Journal Of Psychiatry* 2011, 168:790-9.
8. **Kiluk BD**, Dreifuss JA, Weiss RD, Horigian VE, Carroll KM. Psychometric properties of a Spanish-language version of the Short Inventory of Problems. *Psychology Of Addictive Behaviors : Journal Of The Society Of Psychologists In Addictive Behaviors* 2013, 27:893-900.
9. **Kiluk BD**, Carroll KM. New developments in behavioral treatments for substance use disorders. *Current Psychiatry Reports* 2013, 15:420.
10. **Kiluk BD**, Babuscio TA, Nich C, Carroll KM. Smokers versus snorters: do treatment outcomes differ according to route of cocaine administration? *Experimental And Clinical Psychopharmacology* 2013, 21:490-8.
11. **Kiluk BD**, Dreifuss JA, Weiss RD, Morgenstern J, Carroll KM. The Short Inventory of Problems - revised (SIP-R): psychometric properties within a large, diverse sample of substance use disorder treatment seekers. *Psychology Of Addictive Behaviors : Journal Of The Society Of Psychologists In Addictive Behaviors* 2013, 27:307-14.
12. Carroll KM, **Kiluk BD**, Nich C, DeVito EE, Decker S, LaPaglia D, Duffey D, Babuscio TA, Ball SA. Toward empirical identification of a clinically meaningful indicator of treatment outcome: features of candidate indicators and evaluation of sensitivity to treatment effects and relationship to one year follow up cocaine use outcomes. *Drug And Alcohol Dependence* 2014, 137:3-19.
13. Carroll KM, **Kiluk BD**, Nich C, Gordon MA, Portnoy GA, Marino DR, Ball SA. Computer-assisted delivery of cognitive-behavioral therapy: efficacy and durability of CBT4CBT among cocaine-dependent individuals maintained on methadone. *The American Journal Of Psychiatry* 2014, 171:436-44.
14. **Kiluk BD**, Nich C, Witkiewitz K, Babuscio TA, Carroll KM. What happens in treatment doesn't stay in treatment: cocaine abstinence during treatment is associated with fewer problems at follow-up. *Journal Of Consulting And Clinical Psychology* 2014, 82:619-27.
15. Marsch LA, Carroll KM, **Kiluk BD**. Technology-based interventions for the treatment and recovery management of substance use disorders: a JSAT special issue. *Journal Of Substance Abuse Treatment* 2014, 46:1-4.
16. **Kiluk BD**, Serafini K, Frankforter T, Nich C, Carroll KM. Only connect: The working alliance in computer-based cognitive behavioral therapy. *Behaviour Research And Therapy* 2014, 63:139-46.
17. **Kiluk BD**, Serafini K, Malin-Mayor B, Babuscio TA, Nich C, Carroll KM. Prompted to treatment by the criminal justice system: Relationships with treatment retention and outcome among cocaine users.

- The American Journal On Addictions / American Academy Of Psychiatrists In Alcoholism And Addictions 2015, 24:225-232.
18. Magill M, **Kiluk BD**, McCrady BS, Tonigan JS, Longabaugh R. Active Ingredients of Treatment and Client Mechanisms of Change in Behavioral Treatments for Alcohol Use Disorders: Progress 10 Years Later. *Alcoholism, Clinical And Experimental Research* 2015, 39:1852-62.
  19. Serafini K, Decker S, **Kiluk BD**, Añez L, Paris M, Frankforter T, Carroll KM. Outcome expectations and associated treatment outcomes in motivational enhancement therapy delivered in English and Spanish. *The American Journal On Addictions / American Academy Of Psychiatrists In Alcoholism And Addictions* 2015, 24:732-9.
  20. Decker SE, **Kiluk BD**, Frankforter T, Babuscio T, Nich C, Carroll KM. Just showing up is not enough: Homework adherence and outcome in cognitive-behavioral therapy for cocaine dependence. *Journal Of Consulting And Clinical Psychology* 2016, 84:907-12.
  21. Radhakrishnan R, **Kiluk BD**, Tsai J. A Meta-analytic Review of Non-specific Effects in Randomized Controlled Trials of Cognitive Remediation for Schizophrenia. *The Psychiatric Quarterly* 2016, 87:57-62.
  22. **Kiluk BD**, Devore KA, Buck MB, Nich C, Frankforter TL, LaPaglia DM, Yates BT, Gordon MA, Carroll KM. Randomized Trial of Computerized Cognitive Behavioral Therapy for Alcohol Use Disorders: Efficacy as a Virtual Stand-Alone and Treatment Add-On Compared with Standard Outpatient Treatment. *Alcoholism, Clinical And Experimental Research* 2016, 40:1991-2000.
  23. **Kiluk BD**, Carroll KM, Duhig A, Falk DE, Kampman K, Lai S, Litten RZ, McCann DJ, Montoya ID, Preston KL, Skolnick P, Weisner C, Woody G, Chandler R, Detke MJ, Dunn K, Dworkin RH, Fertig J, Gewandter J, Moeller FG, Ramey T, Ryan M, Silverman K, Strain EC. Measures of outcome for stimulant trials: ACTION recommendations and research agenda. *Drug And Alcohol Dependence* 2016, 158:1-7.
  24. Serafini K, **Kiluk BD**, Babuscio T, Carroll KM. Patient Pre-Treatment Expectations Do Not Predict Cocaine Use Outcomes: Data From Four Clinical Trials. *Substance Use & Misuse* 2016, 51:1484-92.
  25. Serafini K, Toohey MJ, **Kiluk BD**, Carroll KM. Anger and its Association with Substance Use Treatment Outcomes in a Sample of Adolescents. *Journal Of Child & Adolescent Substance Abuse* 2016, 25:391-398.
  26. **Kiluk BD**, Buck MB, Devore KA, Babuscio TA, Nich C, Carroll KM. Performance-Based Contingency Management in Cognitive Remediation Training: A Pilot Study. *Journal Of Substance Abuse Treatment* 2017, 72:80-88.
  27. Carroll KM, **Kiluk BD**. Cognitive behavioral interventions for alcohol and drug use disorders: Through the stage model and back again. *Psychology Of Addictive Behaviors : Journal Of The Society Of Psychologists In Addictive Behaviors* 2017, 31:847-861.
  28. **Kiluk BD**, Babuscio TA, Nich C, Carroll KM. Initial validation of a proxy indicator of functioning as a potential tool for establishing a clinically meaningful cocaine use outcome. *Drug And Alcohol Dependence* 2017, 179:400-407.
  29. **Kiluk BD**, DeVito EE, Buck MB, Hunkele K, Nich C, Carroll KM. Effect of computerized cognitive behavioral therapy on acquisition of coping skills among cocaine-dependent individuals enrolled in methadone maintenance. *Journal Of Substance Abuse Treatment* 2017, 82:87-92.
  30. DeVito EE, **Kiluk BD**, Nich C, Mouratidis M, Carroll KM. Drug Stroop: Mechanisms of response to computerized cognitive behavioral therapy for cocaine dependence in a randomized clinical trial. *Drug And Alcohol Dependence* 2018, 183:162-168.

31. **Kiluk BD**, Nich C, Buck MB, Devore KA, Frankforter TL, LaPaglia DM, Muvvala SB, Carroll KM. Randomized Clinical Trial of Computerized and Clinician-Delivered CBT in Comparison With Standard Outpatient Treatment for Substance Use Disorders: Primary Within-Treatment and Follow-Up Outcomes. *The American Journal Of Psychiatry* 2018, 175:853-863.
32. **Kiluk BD**, Frankforter TL, Cusumano M, Nich C, Carroll KM. Change in DSM-5 Alcohol Use Disorder Criteria Count and Severity Level as a Treatment Outcome Indicator: Results from a Randomized Trial. *Alcoholism, Clinical And Experimental Research* 2018.
33. **Kiluk BD**. Commentary on Litt et al. (2018): Identifying treatment-targeted mechanisms-aim and measure the bullseye. *Addiction (Abingdon, England)* 2018, 113:1418-1419.
34. Carroll KM, Nich C, Frankforter TL, Yip SW, **Kiluk BD**, DeVito EE, Sofuoglu M. Accounting for the uncounted: Physical and affective distress in individuals dropping out of oral naltrexone treatment for opioid use disorder. *Drug And Alcohol Dependence* 2018, 192:264-270.
35. Paris M, Silva M, Añez-Nava L, Jaramillo Y, **Kiluk BD**, Gordon MA, Nich C, Frankforter T, Devore K, Ball SA, Carroll KM. Culturally Adapted, Web-Based Cognitive Behavioral Therapy for Spanish-Speaking Individuals With Substance Use Disorders: A Randomized Clinical Trial. *American Journal Of Public Health* 2018, 108:1535-1542.
36. **Kiluk BD**, Fitzmaurice GM, Strain EC, Weiss RD. What defines a clinically meaningful outcome in the treatment of substance use disorders: reductions in direct consequences of drug use or improvement in overall functioning? *Addiction (Abingdon, England)* 2019, 114:9-15.
37. **Kiluk BD**, Fitzmaurice GM, Strain EC, Weiss RD. Response to commentaries: The quest(ion) remains in the search for a meaningful reduction-based end-point. *Addiction (Abingdon, England)* 2019, 114:21-23.
38. Miguel AQC, **Kiluk BD**, Babuscio TA, Nich C, Mari JJ, Carroll KM. Short and long-term improvements in psychiatric symptomatology to validate clinically meaningful treatment outcomes for cocaine use disorders. *Drug And Alcohol Dependence* 2019, 198:126-132.
39. Miguel AQC, Jordan A, **Kiluk BD**, Nich C, Babuscio TA, Mari JJ, Carroll KM. Sociodemographic and clinical outcome differences among individuals seeking treatment for cocaine use disorders. The intersection of gender and race. *Journal Of Substance Abuse Treatment* 2019, 106:65-72.
40. Roos CR, Nich C, Mun CJ, Mendonca J, Babuscio TA, Witkiewitz K, Carroll KM, **Kiluk BD**. Patterns of Cocaine Use During Treatment: Associations With Baseline Characteristics and Follow-Up Functioning. *Journal Of Studies On Alcohol And Drugs* 2019, 80:431-440.
41. Miguel AQC, **Kiluk BD**, Roos CR, Babuscio TA, Nich C, Mari JJ, Carroll KM. Change in employment status and cocaine use treatment outcomes: A secondary analysis across six clinical trials. *Journal Of Substance Abuse Treatment* 2019, 106:89-96.
42. Magill M, Ray L, **Kiluk B**, Hoadley A, Bernstein M, Tonigan JS, Carroll K. A meta-analysis of cognitive-behavioral therapy for alcohol or other drug use disorders: Treatment efficacy by contrast condition. *Journal Of Consulting And Clinical Psychology* 2019, 87:1093-1105.
43. Roos CR, Nich C, Mun CJ, Babuscio TA, Mendonca J, Miguel AQC, DeVito EE, Yip SW, Witkiewitz K, Carroll KM, **Kiluk BD**. Clinical validation of reduction in cocaine frequency level as an endpoint in clinical trials for cocaine use disorder. *Drug And Alcohol Dependence* 2019, 205:107648.
44. **Kiluk BD**, Ray LA, Walthers J, Bernstein M, Tonigan JS, Magill M. Technology-Delivered Cognitive-Behavioral Interventions for Alcohol Use: A Meta-Analysis. *Alcoholism, Clinical And Experimental Research* 2019, 43:2285-2295.

45. **Kiluk BD**, Yip SW, DeVito EE, Carroll KM, Sofuoglu M. Anhedonia as a key clinical feature in the maintenance and treatment of opioid use disorder. *Clinical Psychological Science : A Journal Of The Association For Psychological Science* 2019, 7:1190-1206.
46. **Kiluk BD**. Computerized Cognitive Behavioral Therapy for Substance Use Disorders: A Summary of the Evidence and Potential Mechanisms of Behavior Change. *Perspectives On Behavior Science* 2019, 42:465-478.
47. Yip SW, **Kiluk B**, Scheinost D. Toward Addiction Prediction: An Overview of Cross-Validated Predictive Modeling Findings and Considerations for Future Neuroimaging Research. *Biological Psychiatry : Cognitive Neuroscience And Neuroimaging* 2020, 5:748-758.
48. Silva MA, Jaramillo Y, Paris M, Añez-Nava L, Frankforter TL, **Kiluk BD**. Changes in DSM criteria following a culturally-adapted computerized CBT for Spanish-speaking individuals with substance use disorders. *Journal Of Substance Abuse Treatment* 2020, 110:42-48.
49. Roos CR, **Kiluk BD**, McHugh RK, Carroll KM. Evaluating a longitudinal mediation model of perceived stress, depressive symptoms, and substance use treatment outcomes. *Psychology Of Addictive Behaviors : Journal Of The Society Of Psychologists In Addictive Behaviors* 2020, 34:660-668.
50. Loflin MJE, **Kiluk BD**, Huestis MA, Aklin WM, Budney AJ, Carroll KM, D'Souza DC, Dworkin RH, Gray KM, Hasin DS, Lee DC, Le Foll B, Levin FR, Lile JA, Mason BJ, McRae-Clark AL, Montoya I, Peters EN, Ramey T, Turk DC, Vandrey R, Weiss RD, Strain EC. The state of clinical outcome assessments for cannabis use disorder clinical trials: A review and research agenda. *Drug And Alcohol Dependence* 2020, 212:107993.
51. Roos CR, Carroll KM, Nich C, Frankforter T, **Kiluk BD**. Short- and long-term changes in substance-related coping as mediators of in-person and computerized CBT for alcohol and drug use disorders. *Drug And Alcohol Dependence* 2020, 212:108044.
52. Magill M, Tonigan JS, **Kiluk B**, Ray L, Walthers J, Carroll K. The search for mechanisms of cognitive behavioral therapy for alcohol or other drug use disorders: A systematic review. *Behaviour Research And Therapy* 2020, 131:103648.
53. Ray LA, Meredith LR, **Kiluk BD**, Walthers J, Carroll KM, Magill M. Combined Pharmacotherapy and Cognitive Behavioral Therapy for Adults With Alcohol or Substance Use Disorders: A Systematic Review and Meta-analysis. *JAMA Network Open* 2020, 3:e208279.
54. Mastroleo NR, Humm L, Williams CM, **Kiluk BD**, Hoadley A, Magill M. Initial testing of a computer-based simulation training module to support clinicians' acquisition of CBT skills for substance use disorder treatment. *Journal Of Substance Abuse Treatment* 2020, 114:108014.
55. Haeny AM, **Kiluk BD**, Nich C, LaPaglia DM, Carroll KM. Measurement invariance of the Barratt Impulsiveness Scale across black and white adults with cocaine use disorder. *Addictive Behaviors* 2021, 114:106721.
56. Lichenstein SD, Roos C, Kohler R, **Kiluk B**, Carroll KM, Worhunsky PD, Witkiewitz K, Yip SW. Identification and validation of distinct latent neurodevelopmental profiles in the Adolescent Brain and Cognitive Development study. *Biological Psychiatry : Cognitive Neuroscience And Neuroimaging* 2021.
57. Mehta K, Hoadley A, Ray LA, **Kiluk BD**, Carroll KM, Magill M. Cognitive-Behavioral Interventions Targeting Alcohol or Other Drug Use and Co-Occurring Mental Health Disorders: A Meta-Analysis. *Alcohol And Alcoholism (Oxford, Oxfordshire)* 2021.

58. Kacmarek CN, Yates BT, Nich C, **Kiluk BD**. A pilot economic evaluation of computerized cognitive behavioral therapy for alcohol use disorder as an addition and alternative to traditional therapy. *Alcoholism, Clinical And Experimental Research* 2021, 45:1109-1121.
59. Mehta K, Hoadley A, Ray LA, **Kiluk BD**, Carroll KM, Magill M. Erratum to: Cognitive-Behavioral Interventions Targeting Alcohol or Other Drug Use and Co-Occurring Mental Health Disorders: A Meta-Analysis. *Alcohol And Alcoholism (Oxford, Oxfordshire)* 2021.

### Chapters, Books, and Reviews

60. Carroll, K.M., & **Kiluk, B.D.** (2012). Integrating psychotherapy and pharmacotherapy in substance abuse treatment. In F. Rotgers, J. Morgenstern, & S.T. Walters (Eds.), *Treating Substance Abuse: Theory and Technique*, 3rd Edition (pp. 319-354).
61. **Kiluk, B.D.**, & Carroll, K.M. (2014). Illegal drug use. In S.G. Hofman (Ed.), *Cognitive Behavioral Therapy: A Complete Reference Guide, Volume 2: CBT for Specific Disorders*. Wiley-Blackwell.
62. Carroll, K.M. and **Kiluk, B.D.** Matching and differential therapies: Providing substance abusers with appropriate treatment. In *Clinical Textbook of Addictive Disorders, Fourth Edition*. eds. A.H. Mack, K.T. Brady, S.I. Miller, & R.J. Frances. Guilford Press, New York, NY, 2016, pp. 531-547.
63. LaPaglia, D., **Kiluk, B.D.**, Fucito, L., Ikomi, J., Steinfeld, M., & Muvvala, S. Substance use disorders and systems of care. In *The Yale Textbook of Public Psychiatry*. eds. S. Jacobs & J. Steiner, Oxford University Press, New York, NY, 2016, pp. 81-96
64. 5. Carroll, K.M. and **Kiluk, B.D.** Use of digital technology to provide or enhance the delivery of psychotherapeutic interventions for addictions: Computer-based cognitive behavioral therapies. In *The Oxford Handbook of Digital Technologies and Mental Health*. eds. M.N. Potenza, K.A. Faust, & D. Faust, Oxford University Press, New York NY, 2020, pp. 415-428.
65. 6. Carroll, K.M. and **Kiluk, B.D.** Cognitive-behavioral therapy. In *The American Psychiatric Association Publishing Textbook of Substance Use Disorder Treatment, Sixth Edition*. eds. K.T. Brady, F.R. Levin, M. Galanter, & H.D. Kleber, American Psychiatric Publishing, Washington, DC, 2020, pp. 345-362

### Invited Editorials and Commentaries

66. **Kiluk, B.D.** It's gotta be the skills: The importance of coping skills training in CBT for SUDs. *The Brown University Digest of Addiction Theory and Application (DATA)*. 2011, 30:8.