Llewellyn Mills

*Curriculum Vitae*

ORCID ID: 0000-0002-5320-087X

ResearchGate profile: https://www.researchgate.net/profile/Llewellyn\_Mills

For relevant docs paste ‘https://github.com/llewmills/CVDocs/’ into browser

**EDUCATION**

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| 2013 – 2018 | Doctor of Philosophy (PhD), University of Sydney (graduated 04/03/18) |
| 2009 – 2012 | B.Sci (Psych), Hons 1, University of Sydney (graduated 14/02/13) |

**EMPLOYMENT**

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| 2017 – present | **Senior Research Associate, Level B**  Specialty of Addiction Medicine, Faculty of Medicine and Public Health, University of Sydney  Drug and Alcohol Services, South Eastern Sydney Local Health District |
| 2020 - 2024 | **Statistical Consultant**  Drug and Alcohol Clinical Research and Improvement Network (DACRIN) |
| 2021 – 2022 | **Research Fellow, Level B**  National Drug and Alcohol Research Centre (NDARC), UNSW  0.5 FTE combined with 0.5 FTE Specialty of Addiction Medicine, University of Sydney for duration of contract |

**COMPETITIVE FUNDING**

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| 2022 - present | National Health and Medical Research Council, Clinical Trials and Cohort Grant  Chief Investigator (CIE), $2,200,000 |
| 2021 - present | National Centre for Clinical Research on Emerging Drugs (NCCRED)  Seed-funding and capacity building grant  Chief Investigator (CIA), $42,537 |
| 2019 - 2021 | Mindgardens, Clinical Translational Research Program Grant,  Co-investigator, $150,000 |
| 2018 - 2020 | National Centre for Clinical Research on Emerging Drugs (NCCRED)  Co-investigator, $104,000 |
| 2013 - 2017 | Australian Postgraduate Award (AUD $75000 approx.) University of Sydney Top-Up Scholarship (AUD $15000)  University of Sydney Early Career Student Funding (AUD $6000) |

**PUBLICATION METRICS:** *h*-index excluding self-citations: 11, Journal Articles: 38, Citations: 404

**PUBLICATIONS: SELECTED JOURNAL ARTICLES (\*joint first-authorship)**

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| In press  2023 | **Mills L**., Arnold, J.C., Suraev, A., …. Lintzeris, N. (In press). Medical cannabis use in Australia seven years after legalisation: findings from the online Cannabis As Medicine Survey 2022-23 (CAMS-22). *Harm Reduction Journal.*  Cordony, I., **Mills, L.\***, Mammen, K., & Lintzeris, N. (2023). A systematic review on the effects of routine outcome monitoring and feedback on client outcomes in alcohol and other drug treatment. *Drug and Alcohol Review, 42*(7), 1701-1722 |

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|  | **Mills, L.,** Lee, J.C., Boakes, R., & Colagiuri, B. (2023). Reduction in caffeine withdrawal after open-label decaffeinated coffee. *Journal of Psychopharmacology, 37*(2), 181-191.  *.* |
| 2022 | **Mills, L.**, Dunlop, A., Montebello, M., Copeland, J., Bruno, R., Jefferies, M., McGregor, I., & Lintzeris, N. (2022). Correlates of treatment engagement and client outcomes: Results of a randomised controlled trial of nabiximols for the treatment of cannabis use disorder. *Substance Abuse Treatment, Prevention, and Policy*, *17*(1), 1-12.  **Mills, L.**, Lintzeris, N., O’Malley, M., Arnold, J.C., McGregor, I.S. (2022). Prevalence and correlates of cannabis use disorder among Australians using cannabis to treat a medical condition. *Drug and Alcohol Review, 41*(5), 1095-1108. |
| 2021 | Mammen, K., **Mills, L.\*,** Deacon, R., Bruno, R.,…Lintzeris, N. (2021). Determining clinical cutoff scores for the Australian Treatment Outcomes Profile Psychological Health, Physical Health, and Quality of Life questions. *Drug and Alcohol Review*, *41*(1), 106-113.  Lee, J.C., **Mills, L.**, Hayes, B.K., & Livesey, E.J. (2021). Modelling generalization gradients as augmented Gaussian functions. *Quarterly Journal of Experimental Psychology, 74*(1)**.**106-121. |
| 2020 | **Mills**, **L.**, Lintzeris, N., Bruno, R., … , Mammen, K. (2020). Validation of the Australian Treatment Outcomes Profile (ATOP) for use in clients with cannabis dependence. *Drug and Alcohol Review, 39*(4)**,** 356-364. |
| 2019 | Lintzeris, N., Bhardwaj, A., **Mills, L**., et al. (2019). Nabiximols for the treatment of cannabis dependence: a randomized clinical trial.  *JAMA Internal Medicine. 179*(9), 1242-1253.  **Mills, L.,** Boakes, R.A., & Colagiuri, B. (2019). The effect of dose expectancies on caffeine withdrawal symptoms during tapered dose reduction. *Journal of Psychopharmacology*, *33*(8), 994-1002. |
| 2017 | **Mills, L.,** Dar-Nimrod, I., Colagiuri, B. (2017). Effect of Genetic Information and Information about Caffeine Content on Caffeine Withdrawal Symptoms. *Scientific Reports, 7*(1)**,** 1-10 |
| 2016 | **Mills, L**., Boakes, R. A. & Colagiuri, B. (2016). Placebo caffeine reduces withdrawal in abstinent coffee drinkers. *Journal of Psychopharmacology* *30*(4), 388-394. |

**PRESENTATIONS**

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| **Conference presentations and symposia** | |
| 2018 - 2023  2022 – 2023  2023 | Australian Professional Society for Alcohol and Drugs (APSAD): Adelaide 2023 (2 oral presentations), Darwin 2022 (1 oral presentation), Online 2021 (1 oral presentation), Online 2020 (2 oral presentations), Hobart 2019 (3 oral presentations, one poster), Auckland 2018 (1 oral presentation, 1 poster).  ACannabis Conference: Melbourne 2023, Online 2022  United in Compassion conference: Brisbane 2023 |
| 2022  2022  2017  2016 | Drug Alcohol Research Innovation Active Learning (DARIA), online  National Centre for Clinical Research in Emerging Drugs (NCCRED) Symposium: online  Society for Interdisciplinary Placebo Studies (SIPS) conference, Leiden, The Netherlands  Association for Behavioural and Cognitive Therapies: 50th Annual Convention, New York City, USA, Oct 27-30, 2016. |
| **Invited Talks** | |
| 2024  2022  2020  2017 | School colloquium, School of Psychology University of Sydney, April 19, 2024  National Drug and Alcohol Research Centre (NDARC) Learning and Development Workshop on Bayesian Analysis  Masterclass for DATA1901 Advanced Data Science course, University of Sydney (online)  NDARC Weekly Symposium: ‘Dose Beliefs Moderate Caffeine Withdrawal Symptoms: A translational study with implications for clinical practice.’  Behavioural Insights Team workshop on Bayesian Data Analysis |

**SUPERVISION EXPERIENCE**

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| 2020-present | Co-supervising PhD of Dr Laila Parvaresh, addiction medicine specialist at Langton centre. |
| 2019-2021 | Supervised five MD students in research component of their MD (3 Ds, one C, one P) |
| 2019-2020 | Supervised one UNSW Doctor of Medicine Student, Afreen Akbany, for University of Sydney Faculty of Medicine Summer Scholarship |

**TEACHING EXPERIENCE**

*Units tutored:*

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| University of Sydney | PSYC3018 (Abnormal Psychology 3rd Year), 2013-16  PSYC2014 (Introduction to Psychology I), 2013-16 |

*Units lectured:*

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| University of Sydney | MDMP5336 (Psychiatry and Addiction Medicine, 3rd Year), Introduction to Addiction medicine lectures (Online), 2018 and 2021  PSYC1001 (Introduction to Psychology I; Science and Statistics), Summer School, 2016 and 2017 |

**PROJECT COORDINATION**

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| 2019 - Present    2020 - Present | Characterising Withdrawal from depot buprenorphine: an observational case series of withdrawal from Buvidal  Cannabis as Medicine Surveys, 2022-24 |

**MEDIA/OUTREACH**

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| *Discussing the cannabis as medicine survey*  *Discussing open-label placebo caffeine withdrawal paper*  *As expert on caffeine withdrawal generally*  *Discussing placebo caffeine withdrawal* | * Phone interview with Stephen Brooke, reported in Sunday Age and Sydney Morning Herald, see <https://www.smh.com.au/healthcare/more-acceptable-now-medicinal-cannabis-use-rising-passes-1-million-patients-20230511-p5d7oe.html> * *Phone Interviews*: Sydney drive time, 14/02/2023, Zoom interview with Mateusz Mroz (Newseria: Polish Private News Agency Website) 15/02/2023; ABC Radio Wollongong Breakfast drivetime with Melinda James, 15/02/2023; ABC Radio Canberra. Afternoons with Alice Matthews, 15/02/2023; ABC Radio Melbourne Drive: Raph Epstein, 15/02/2023; ABC Radio Tasmania. Evenings with Helen Shield (statewide), 15/02/2023; ABC Radio Canberra: Canberra Weekender with Tatjana Clancy, 18/02/2023; ChaiFM South Africa: Morning Mayhem with Howard Feldman, 23/03/2023 * *Answering interview questions via email*    + Nancy Schimelpfening (Healthline: 16/02/2023 <https://www.healthline.com/health-news/caffeine-withdrawal-drinking-decaf-can-help-reduce-painful-symptoms>   + Robby Berman (Healthline: 16/02/2023; see <https://www.medicalnewstoday.com/articles/caffeine-withdrawal-good-decaf-coffee-reduce-symptoms#What-caused-the-effect>)   + Shiv Sudhakar (Fox News Digital, health and lifestyle, see https://www.foxnews.com/health/coffee-quitters-help-decaf-help-reduce-withdrawal-symptoms) 20/02/23   + Imma Perfetto, Cosmos magazine, 16/02/23 see <https://cosmosmagazine.com/health/decaf-coffee-caffeine-withdrawal/>   + Cara Murez, USNEWS, see <https://www.usnews.com/news/health-news/articles/2023-02-17/kicking-the-coffee-habit-but-scared-of-withdrawal-try-decaf>   + Matthew Warren, British Psychological Society website, see <https://www.bps.org.uk/research-digest/decaf-coffee-reduces-caffeine-withdrawal-even-when-you-know-its-decaf> * *Phone Interviews:* ABC News Radio: Morning Show with Sarah Morice, 08/12/2023; ABC Radio Canberra with Georgia Stynes, 11/12/2023; ABC Radio Darwin with Lisa Pellegrino 11/12/2023; * *Answering questions by email:*   + ABC News website: <https://www.abc.net.au/news/health/2023-12-08/caffeine-withdrawal-headache-coffee-brain-neurobiology-adenosine/103173730>   + ABC Life Article: Can you be addicted to coffee and is it really bad for you? 02 May, 2019, see https://www.abc.net.au/everyday/coffee-addiction-how-much-is-too-much-withdrawal-symptoms/11028304 * Weekend Australian Article, 23-24 April, 2016 (see CV Docs) |

**LEADERSHIP & SERVICE**

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| Ongoing  2024  2019-2022  2018  2015  2014-2018 | Manuscript reviewer for:   * Medical Journal of Australia * Drug and Alcohol Review * BMJ Public Health * International Journal of Drug Policy * Harm Reduction Journal * Journal of Basic Clinical Physiology and Pharmacology * Human Psychopharmacology * Substance Abuse and Rehabilitation * International Journal of Mental Health and Addiction   Sitting on confirmation of candidacy panel for Leena Putkonen**:** Deakin University, 21st February, 2024  Chairing the Drug and Alcohol Pragmatic Trials Interest Group**, c**omprised of clinicians, researchers, and managers from South Eastern Sydney Local Health District, St Vincent’s, NDARC, and DACRIN (Drug and Alcohol Clinical Research and Improvement Network) devoted to building the capacity to conduct randomised trials within existing clinical drug and alcohol treatment services infrastructure.  Independently researched and developed *R* code for Chapter 15 of *Applied Longitudinal Data Analysis: Modeling Change and Event Occurrence* by Singer and Willett, concerning extensions of the Cox Regression. Code included on UCLA’s IDRE statistics website: https://stats.idre.ucla.edu/r/examples/alda/r-applied-longitudinal-data-analysis-ch-15/.  Postgraduate Representative: School of Psychology, University of Sydney (unpaid voluntary position). Duties included organising conferences hosted by the School of Psychology, representing the concerns of postgraduate students within the School of Psychology at committee meetings (e.g. resources, teaching, full committee) and facilitating communication between postgraduate students and staff.  Co-founded (with Dr Jessica Lee) the Bayesian Statistics Learning Group**, c**omprised of PhD students within the School of Psychology who were interested in learning Bayesian statistical modeling. |

**TECHNICAL SKILLS**

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| Analysis and Modelling | Advanced statistical skills, including machine learning (e.g. penalised regression, random forests), ROC analysis, survival analysis, scale validation, mixed-effects modeling (incl. non-linear) and Bayesian statistics. |
| Software | Advanced skills in R (analysis, preprocessing, visualisation, computational modelling), working skills in Python, Stata, SPSS. Advanced skills in Redcap survey software. |

**REFEREES**

Prof. Nicholas Lintzeris (Current Employer) Phone: +61 419 261 675

University of Sydney and South Eastern Sydney Local Email: Nicholas.Lintzeris@health.nsw.gov.au

Health District

Ms Sarah Hutchinson (Current Employer) Phone: +61 402 145 265

South Eastern Sydney Local Health District Email: Sarah.Hutchinson@health.nsw.gov.au

Associate Professor Raimondo Bruno (Collaborator) Phone: +61 3 6226 2240

University of Tasmania Email: Raimondo.Bruno@utas.edu.au