

LAMY François, Ph.D
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FIELD OF EXPERTISE

- Sociology of Substance Use
- Computational Sociology
- Agent-based Modelling
- Social Media Data Analysis

ACADEMIC QUALIFICATIONS

- 2013-2014 – Double Doctoral Degree (French-Australian Co-Tutelle program)
Ph.D in Sociology: Deviance and Drug Use (CLERSE, Université of Lille 1, France)
Ph.D in Computer Sciences: Multi-Agent Systems and Social Simulation (CRICS, Charles Sturt University, Australia)
Thesis title: Studying recreational polydrug use through an ontologic agent-based simulation.
Co-Supervisors: Professor Dominique Duprez and Professor Terry Bossomaier
- 2008 – Master of Sociology Option "Culture, Towns and Mobilisations."
Dissertation title: Evolution of the career of cannabis drug dealers.
Supervisor: Professor Dominique Duprez
- 2007 – Bachelor of Sociology
Dissertation title: Incidence of modernisation and modification of statuses in the mailing service: the example of Lezennes sorting office.
Supervisor: Associate Professor Xavier Dunezat
- 2006 – Bachelor of Philosophy Option 'Logic, Epistemology and Philosophy of Sciences'
Dissertation title: Philosophical analysis of the notion of altruism through game theory.
Supervisor: Professor Shahid Rahman

RESEARCH EXPERIENCE

- 2015-present – Postdoctoral Research Fellow (CITAR, Wright State University); NIDA-funded project: Developing an ontologic-based platform, eDrugTrends, to facilitate analysis of trends in knowledge, attitudes, and behaviors related to the use of cannabis and synthetic cannabinoids as discussed on Web forums and Twitter.
- 2011-2015 – Modelling Consultant (HEMA Consulting); ARC-funded project: Developing the capacity to model the impact of interventions that target binge drinking among young Australians.
- 2010-2011 – Research Assistant (SMART, University of Wollongong); Transport for NSW-funded project: Social survey and modelling of urban liveability in South East Sydney.
- 2008-2010 – Modelling Consultant (HEMA Consulting); NHMRC-funded project: Understanding barriers to improved access, engagement and retention of methamphetamine users in health services.

LANGUAGES

- French: fluent English: fluent

PUBLICATIONS

1. Daniulaityte, R., L. Chen, F. R. Lamy, R. Carlson, K. Thirunarayan and A. Sheth (2016). "When 'bad' is 'good'": Identifying personal communication and sentiment in drug-related tweets. *Journal of Medical Internet Research: Public Health and Surveillance*.
2. Lamy, F.R., Daniulaityte, R., Sheth, A., Nahhas, R.W., Martins, S.S., Boyer, E.W., & Carlson, R.G. (2016). "Those edibles hit hard": Exploration of Twitter data on cannabis edibles in the US. *Drug and Alcohol Dependence*, 164, pp. 64-70.
3. Lamy, F., Quinn, B., Dwyer, R., Thomson, N., Moore, D., & Dietze, P. (2016). TreatMethHarm: An Agent-Based Simulation of How People Who Use Methamphetamine Access Treatment. *Journal of Artificial Societies and Social Simulation*, 19(2).
4. Daniulaityte R., Nahhas R.W., Wijeratne S., Carlson R.G., Lamy F.R., Martins S.S., Boyer E.W., Smith G.A. & Sheth A. (2015). "Time for dabs": Analyzing Twitter data on marijuana concentrates across the U.S., *Drug and Alcohol Dependence*, 155, pp. 307-311.
5. Lamy F., Bossomaier T., Perez P. (2015). An ontologic agent-based model of recreational polydrug use: SimUse. *International Journal of Simulation and Process Modelling*. 10(3), pp. 207-222.
6. Lamy F., Bossomaier T. & Perez P. (2013). SimUse: modelling recreational polydrug use through an agent-based model. *Proceedings of I3M-MAS 2013 Conference*. Athens, Greece. Best Paper Award.
7. Lamy F., Bossomaier T. & Perez P. (2012). SimUse: an agent-based simulation on recreational polydrug users. *Proceedings of the Sixth International Conference of the International Society for the Study of Drug Policy*. Canterbury: ISSDP.
8. Namazi-Rad M. R., Perez P., Berryman M. & Lamy F. (2012). An Experimental Determination of Perceived Liveability in Sydney. In: *Proceedings of the Eighth International Conference on Social Science Methodology* (July 2012, Sydney, NSW). RC33, University of Sydney, <http://conference.acspri.org.au/index.php/rc33/2012/paper/view/650>
9. Lamy F., Perez P., Ritter A. & Livingston M. (2011). SimARC: An Ontology-driven Behavioural Model of Alcohol Abuse. *The Third International Conference on Advances in System Simulation*, Barcelona: SIMUL 2011, pp. 128-133.
10. Lamy F., Bossomaier T. & Perez P. (2011). SimUse: Simulation of recreational poly-drug use. In: *Proceedings of IEEE SSCI 2011 - Symposium Series on Computational Intelligence*. IEEE ALIFE 2011, article 5954648, pp. 170-177.
11. Lamy F., Perez P., Ritter A. & Livingston M. (2011). An Agent-based Model of Alcohol Use and Abuse: SimARC. In: Muller J.P. and Bousquet F. (eds), *Proceedings of the 7th Conference of the European Social Simulation Association* (September 19-23 2011, Montpellier, France). CIRAD, ESSA 2011, Montpellier, CD-Rom, paper 73 (7 pages).