**Dawson College**

**Integrative Seminar 300-308-DW**

**Research Topic Selection: Artificial Intelligence**

The list below includes good potential topics and resources for your Comprehensive Assessment paper. You do not need to choose from this list, but if you do not, it is a good idea to speak to me to confirm that your topic will work.

Remember that your topic must be related to Artificial Intelligence and that you will have to examine it from the perspectives of three social science disciplines. The list is divided in themes and fields. One way to do it is to select one theme and one field, for instance: The Ethics of AI in Law Enforcement.

Field: LAW ENFORCEMENT

Moodle "pitch" Law Enforcement: As the police enact the State monopoly of legitimate violence over a given territory, the way it engages with technological innovations to enhance this power - or not -, and how society responds, are crucial dynamics illustrative of the challenges AI poses for policy makers (**regulation**). Why are algorithmic **biases** more concerning in policing than in other policy areas? What are the **privacy** implications of police dragnet surveillance practices? Is police accountability possible in the era of big data policing? Should we let the police be equipped with Automatic Licence Plate Readers, facial recognition software, AI-induced Body-Worn Cameras? Is predictive policing neutral? Who would be responsible for a death by police robot (**ethics**) ?

RESOURCES

* Joh, Elizabeth. AI in Policing, First Questions. <https://digitalcommons.law.seattleu.edu/cgi/viewcontent.cgi?article=2550&context=sulr>
* -------. 2016. The New Surveillance Discretion: Automated Suspicion, Big Data, and Policing
* -------. 2020 Law and Technology Increasing Automation in Policing
* Richards, Pamela (et al.) 2021. Decision-making - Using technology to enhance learning in police officers. Book chapter from Predictive Policing and AI. <https://www.taylorfrancis.com/chapters/edit/10.4324/9780429265365-14/decision-making-pamela-richards-debbie-roberts-mark-britton>
* Robertson, Kate (et al.) 2020. To Surveil and Predict. A Human Rights Analysis of Algorithmic Policing in Canada. <https://citizenlab.ca/2020/09/to-surveil-and-predict-a-human-rights-analysis-of-algorithmic-policing-in-canada/>
* Fersuson, Andrew G. 2015. Big Data & Predictive Reasonable Suspicion. <https://scholarship.law.upenn.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=9464&context=penn_law_review>
* Ferguson, Andrew G. 2017. <https://www.amazon.ca/Rise-Big-Data-Policing-Surveillance/dp/1479892823>
* Byrne & Marx. 2011. Technological Innovations in Crime Prevention and Policing. A Review of the Research on Implementation and Impact. <https://www.ojp.gov/ncjrs/virtual-library/abstracts/technological-innovations-crime-prevention-and-policing-review>
* President Obama Taskforce on 21st century policing
* Perry, Walter L., Brian McInnis, Carter C. Price, Susan Smith, and John S. Hollywood, Predictive Policing: The Role of Crime Forecasting in Law Enforcement Operations. Santa Monica, CA: RAND Corporation, 2013. https://www.rand.org/pubs/research\_reports/RR233.html. Also available in print form.
* Ratcliffe, Jeff. 2021. Philadelphia Predictive Policing Experiment. <https://www.jratcliffe.net/philadelphia-predictive-polic> (Could be useful for a RM class on Research Design)
* Albert Meijer & Martijn Wessels (2019) Predictive Policing: Review of Benefits and Drawbacks, International Journal of Public Administration, 42:12, 1031-1039, DOI: 10.1080/01900692.2019.1575664