

## Dr. Nathaniel Osgood



Dr. Nathaniel Osgood serves as Professor of Computer Science, and Director of the Computational Epidemiology and Public Health Informatics Laboratory at the University of Saskatchewan. His work combines tools from Systems Science, Data Science, Computational Science and Applied Mathematics to inform decision-making in health & health care. Dr. Osgood served as technical director of provincial COVID-19 modeling, during which he leveraged diverse data sources, transmission modeling and AI methods to perform COVID-19 reporting for SK, for all provinces (via PHAC) and for Canada's First Nations (via FNIHB). Dr. Osgood is further the co-creator of the Ethica Data system for smartphones and wearables, which Dr. Osgood applies for the Sask Long COVID, for Long COVID with Metis Nation Saskatchewan, and (separately) the Saskatchewan Health Authority. Dr. Osgood is a contributor to 3 agent-based models of PCC.