

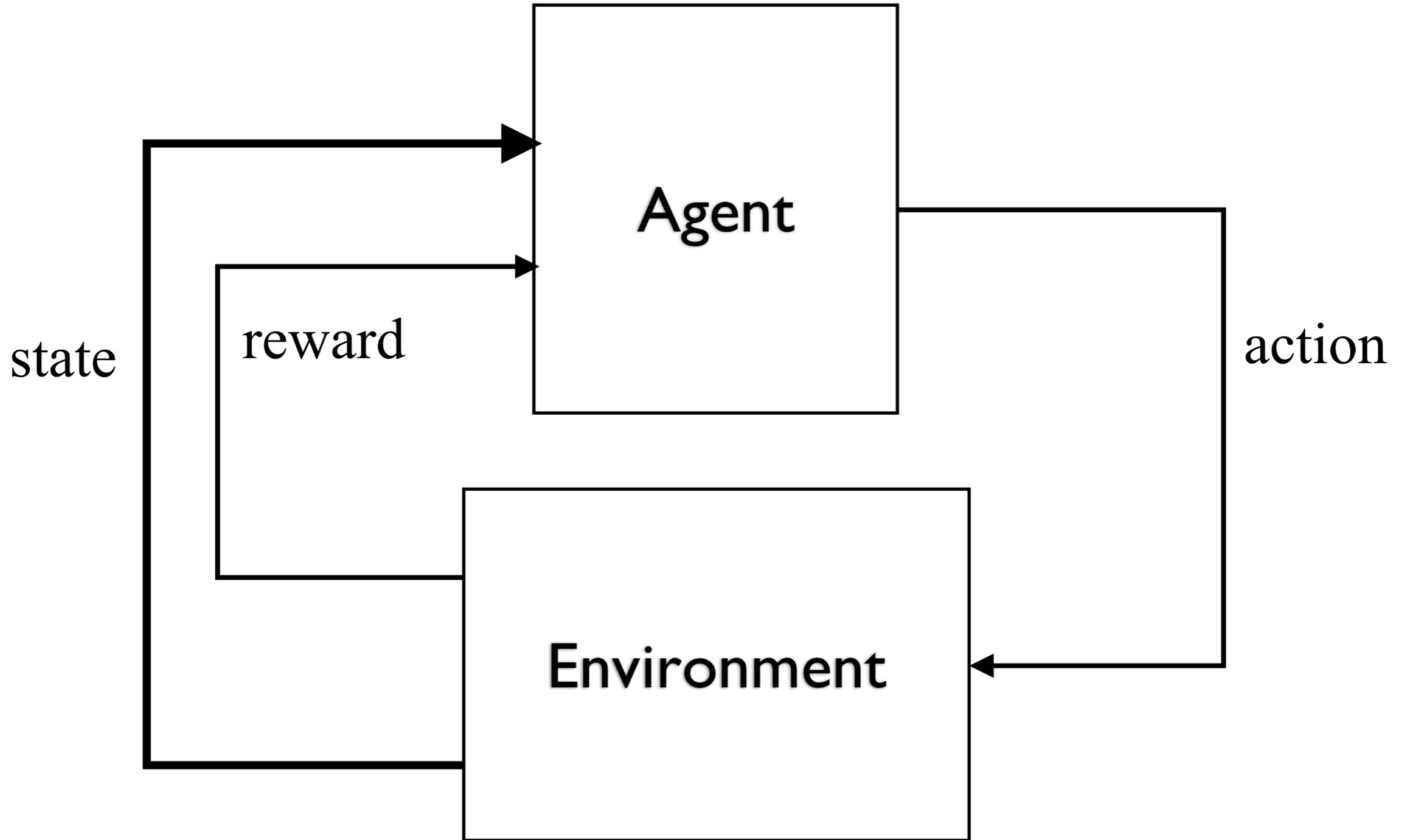
Dan Lizotte

Computer Science | Epidemiology & Biostatistics

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Research Interests

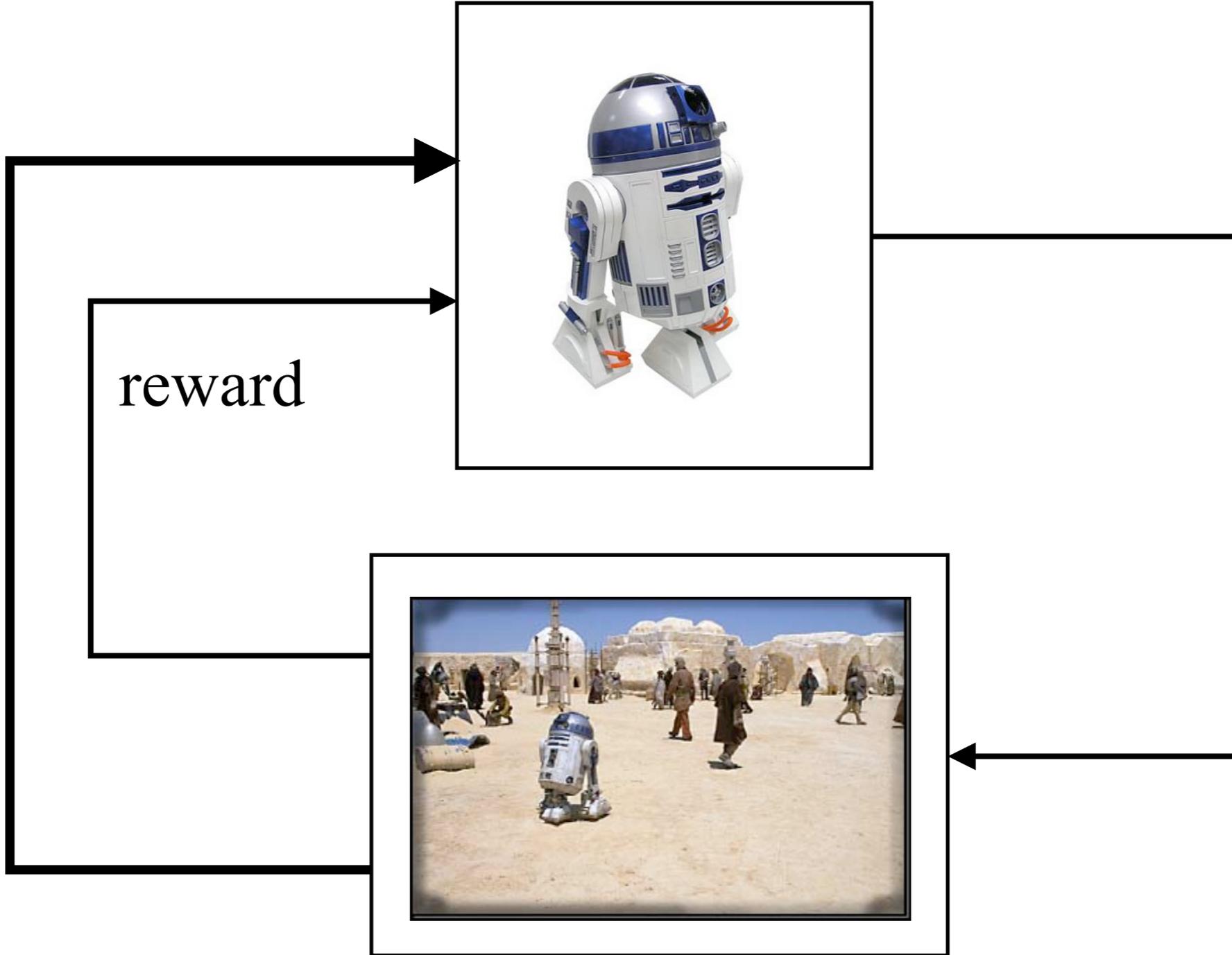
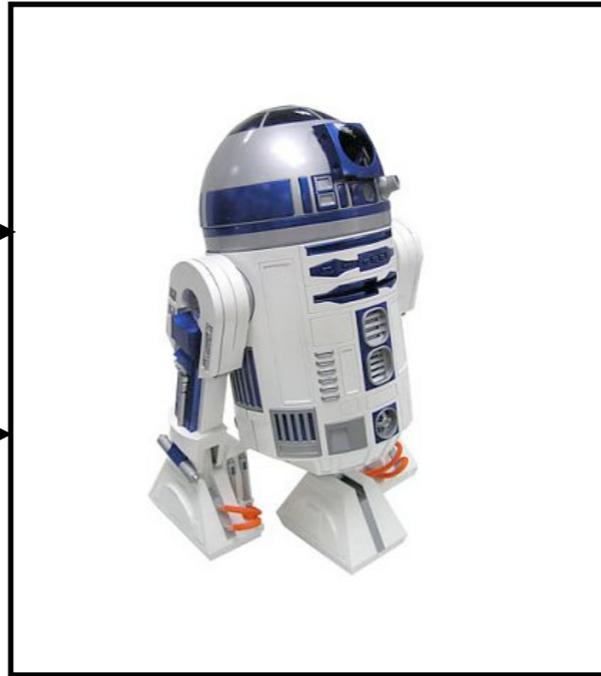
- **Machine learning** and **statistical** methods for prediction, inference, and decision support in **health care**
 - Risk modelling with multiple outcomes
 - Sequential decision-making
 - Decision support for primary care from Electronic Health Records
 - Natural language/representation learning for public health



state

reward

action

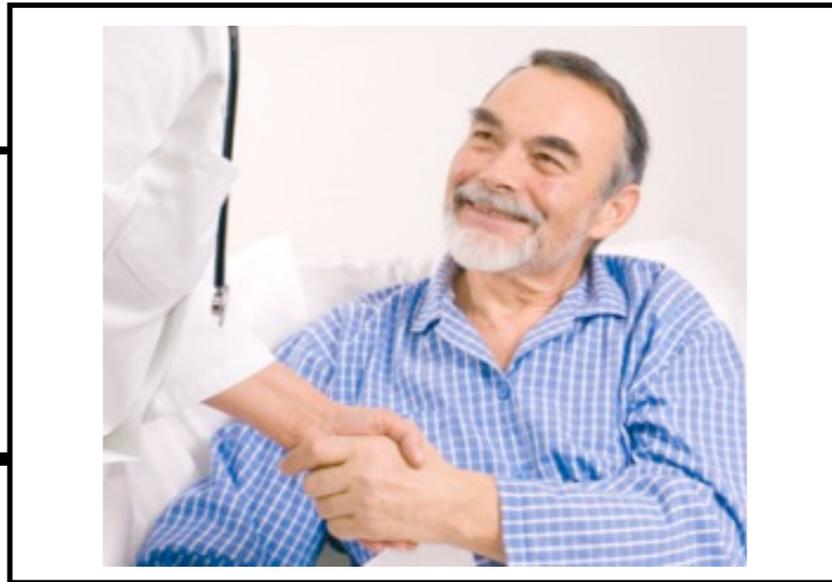


Status

Outcome



Treatment



CS-based Projects

- Social Media Intelligence for Public Health
 - Brent Davis (PhD student co with Kamran Sedig)
 - Partners: Ottawa Public Health, Canadian Public Health Association, Carleton
- Formalizing and Optimizing Treatment Strategies for Post-SCI Physiotherapy
 - Nathan Phelps (MSc)
 - Partner: Parkwood Rehabilitation

Intro. to Data Science

<https://www.csd.uwo.ca/~dlizotte/teaching/IDS/>

