**ASCI\*4050 Course summary W25 – Simone Holligan**

**“AI for Better Health: Threats and Opportunities”**

This course requires reading and discussion on selected topics on the integration of Artificial Intelligence (AI) within strategies for improving human health. AI has the potential to revolutionize health promotion, disease prevention, and treatment through decision-support systems for researchers and clinicians that may lead to better patient outcomes. Increased reliance on AI also comes with concerns over data privacy, algorithmic bias, and a diminishing of the human element in patient treatment and care. Through this course, students will be able to: critically appraise articles on the use of AI for improving human health; effectively communicate – in writing and orally – critical appraisals of articles; gain proficiency in facilitating and participating in informed group discussions; and develop peer reviewing skills.