CHRYSTAL SMITH, York University
Natural Language Processing in the field of Medical Translation

Advances in artificial intelligence and machine learning, such as deep learning neural networks, embed syntactic and semantic information using vectors to achieve accuracy of response and human understanding of discourse and sentiment for Natural Language Processing (NLP). Despite its use in the field of medical translation the mathematical foundations of this approach is not well understood and lingering problems persist. In this talk I review current methods and consider how Statistical NLP systems and neural networks produce natural language for the field of medical translation.