Regulating the Unregulated: Challenges and Solutions for Al in the Legal System By Emerson Trainor

The integration of Artificial Intelligence (AI) into the legal system presents both transformative potential and significant challenges. Al tools promise increased efficiency in tasks such as legal research and case analysis, but they also pose risks related to accountability, algorithmic bias, and privacy. This research explores these challenges, focusing on how unregulated AI use can undermine the integrity of legal processes and potentially compromise justice. Using qualitative analysis of legal frameworks and case studies, the study identifies key regulatory and ethical solutions, including the need for transparency and human oversight. Preliminary findings suggest that implementing robust ethical guidelines and oversight mechanisms can mitigate these risks, ensuring AI's responsible and equitable use in the legal sector. This work highlights the importance of balancing technological innovation with the preservation of justice and fairness, offering a roadmap for integrating AI in a way that supports rather than undermines legal integrity.

Faculty Sponsor: Dr. Cameron, Business Department