

**Research Seminar Series – November 24, 2022**

**Everyone Welcome!**

**Virtual Session**

**12:30pm – 2:00pm**

**Join Zoom Meeting**

**Meeting ID: 642 0460 0308 - Passcode: NHresearch**



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## **Meeting the Future Challenges of Climate Change using Clinical Informatics, Machine-Learning, and Artificial Intelligence**

Climate change will present several health challenges to individuals and communities. A key part of addressing extreme weather events, changes in infectious diseases, and other climate related issues will be leveraging integrated datasets, analytical tools and frameworks, and informatics technologies that use machine-learning and artificial intelligence to help clinicians make better decisions. Here, we present some preliminary findings from a survey of physicians about how clinical informatics can be leveraged to address climate change challenges. The survey asked respondents about what sorts of challenges will be present in the future, along with what types of education and technology needs to be implemented in health organizations. These results can help health organizations plan for the future and better meet the needs of their patient populations.