

2018
Faculty Candidate Seminar
Rare Disease Genetics and Genomics

***The DNA Damage Response in Time and Space:
Implications for cancer immunotherapy***

*Shane Harding, PhD
Postdoctoral Fellow*

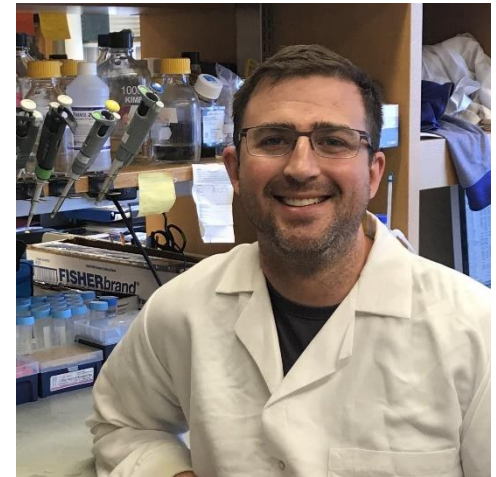
*Department of Cancer Biology, University of Pennsylvania
Abramson Family Cancer Research Institute*

Wednesday January 31, 2018

1030AM

Event Room 1

***Peter Gilgan Centre for Research and Learning
686 Bay St.***



*Dr. Harding received his PhD from the University of Toronto and is currently a postdoctoral fellow at the University of Pennsylvania. His research focuses on the cellular response to DNA double strand breaks (DSBs) and how these responses influence genome integrity and the efficacy of cancer therapy in two related areas: (1) how nuclear architecture is reorganized following DSBs and (2) how radiotherapy drives inflammatory signaling to synergize with immune checkpoint blockade (immunotherapy). The overall goal of Dr. **Harding's research is to understand fundamental aspects of DNA damage signaling, their role in development of human diseases and how this knowledge can be exploited to improve their treatment.***