



## **SPECIAL SEMINAR**

**Principal Investigator Candidate  
Developmental and Stem Cell Epigenetics**

# **Dr. Michelle Ward**

Department of Medicine  
University of Chicago  
Chicago, Illinois

**Title:**

**“Functional evolutionary genomics approaches  
to understanding the cardiovascular system“**

**Monday, January 28, 2019**

**3:00 p.m.**

**Location:**

**Mount Sinai Hospital  
60 Murray Street, 3<sup>rd</sup> Floor, Cooper Centre**

Dr. Ward did her Ph.D. with Dr. Ducan Odum at the University of Cambridge, UK and her postdoc with Dr. Yoav Gilad at the University of Chicago, USA, both world leaders in the architecture of transcriptional networks and their evolution. She has used human iPS cells in innovative ways to uncover key aspects of primate- and human-specific transcriptional regulation during development. She is now dissecting cell type- and context-specific gene regulation in development and disease of the human cardiovascular system, leveraging her empirical and computational experience in comparative functional genomics and iPS cell technology. Her work has been published in *Molecular Cell*, *Elife*, *Genome Biology*, among other journals.

**Host: Jennifer Mitchell /Miguel Ramalho-Santos**