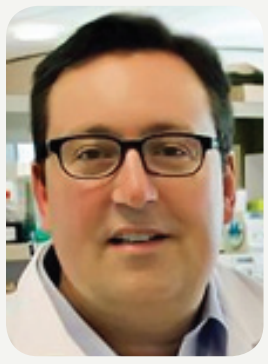
CIHR **STAGE**

*Strategic Training for Advanced Genetic Epidemiology*



## Dr. John Stamatoyannopoulos

Associate Professor
**University of Washington**
**School of Medicine**

# Decoding the human genome: Reading nature's text, punctuation, and ongoing edits

**Friday**
**December 5, 2014**
**12:00 – 1:00 pm**

The Hospital for Sick Children
CDIU Multimedia Theatre, Room 4132
4th Floor, Burton Wing
555 University Avenue, Toronto, ON

John Stamatoyannopoulos, M.D., is Associate Professor of Genome Sciences and Medicine (Oncology) at the University of Washington School of Medicine. He holds degrees in Biological Sciences, Symbolic Systems, and Classics from Stanford University, and an M.D. from the University of Washington. He completed residency in Internal Medicine at Brigham and Women's Hospital, Harvard Medical School, and was a fellow in Oncology and Hematology at Dana Farber Cancer Institute and the Massachusetts General Hospital.

Dr. Stamatoyannopoulos' laboratory focuses on decoding the regulatory circuitry of the human genome through the application of high-throughput molecular and computational technologies. Major ongoing efforts are (i) to delineate the cis-regulatory architecture of the human and mouse genomes; (ii) to map and analyze transcription factor regulatory networks; (iii) to determine the functional consequences of disease-associated non-coding variation in regulatory DNA; and (iv) to develop novel technologies for visualizing and interrogating the regulatory genome. He directs the UW ENCODE Center, the Northwest Epigenome Center, and the High-Throughput Genomics Center at UW, which provides large-scale sequencing and epigenetic analysis capabilities to diverse investigators.

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Lunenfeld-Tanenbaum Research Institute
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