

The Herald Journal

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“Poising Chromatin” topic of lecture

The Center for Integrated BioSystems welcomes Dr. Bradley Cairns from the University of Utah to campus on April 16. Dr. Cairns will present a lecture on “*Poising Chromatin: Gene Packaging and DNA Demethylation in Germ Cells, ES Cells, and Embryos*” at 3:30 p.m. in the Merrill-Cazier Library room 154. All are welcome to attend.

Dr. Cairns is a professor of Oncological Sciences at the University of Utah School of Medicine and Investigator with the Huntsman Cancer Institute. He is interested in how chromatin structure helps regulate gene transcription. His lab purifies and characterizes large protein complexes that remodel and modify chromosomal structure. He and his colleagues use genetic, biochemical, and genomic methods to understand the functions of these chromatin-regulatory complexes in living cells. He received a Ph.D. from Stanford and worked in the laboratory of Roger Kornberg, 2006 Nobel Prize winner in Chemistry.

Collaboration between the Center for Integrated BioSystems, Department of Animal, Dairy, and Veterinary Sciences, and the Institute for Antiviral Research along with the College of Agriculture provide support for guest speakers and this seminar series.