



# The Calculus of Calories: Quantifying the Dynamics and Feedback Control of Human Body Weight



## Kevin Hall PhD,

Senior Investigator,  
Laboratory of Biological Modeling  
National Institute of Diabetes &  
Digestive & Kidney Diseases  
National Institutes of Health

**Wednesday, December 7th, 2016**  
**11:00 to 12:30pm EDT**

Click [here](#) to join

For more information or to subscribe  
contact: [lisa.walker@mcgill.ca](mailto:lisa.walker@mcgill.ca)

## Presentation Abstract

Weight loss leads to increased appetite and slowing of metabolism that both act to drive weight regain. This presentation will discuss recent experimental and mathematical modeling studies that quantify the relative magnitude of these effects and their role in the feedback control of human body weight.



[Visit us](#) to Find out more about the  
BRIDGE Webinar Series

## About the BRIDGE Webinar Series

The **BRIDGE** webinar series is designed to prepare for the next generation of big data analytics, woven into transdisciplinary and intersectoral sciences, policy and innovation, and serving as catalyst for solutions at scale to better address the seemingly intractable problems that lie at the nexus of health and wealth production, distribution and consumption. A key to accelerate change lies in establishing bridges between sectoral big data, and between data and content. To foster real time learning, the **BRIDGE** webinar series brings together a new solution-oriented transdisciplinary translational paradigm for the four *M*s of big data sciences used on both sides of the health and economic divide (*M*achines, *M*ethods, *M*odels and *M*atter).