

**Center for Transformative Research in Metabolism  
External Advisory Committee Virtual Meeting (EAC)  
February 7 and February 8, 2022**

**9:00 a.m. to 12:30 p.m. ([AST Day 1](#)) and 9:00 a.m. to 1:15 p.m. ([AST Day 2](#))  
Draft Meeting Agenda  
Virtually by zoom**

**Meeting Objectives:**

1. Presentation updates from the Center's Research PIs, Core Leaders, and Pilot Project Research Project Leaders; review/discuss TRiM EAC Action Plans in response to the EAC June 2021 report; and share reports from TRiM committees
2. Improved understanding of the perspectives and challenges for the EAC and TRiM key personnel as we work towards the common goal of TRiM's growth and sustainability.

**Meeting Desired Output:**

1. EAC input of the proposed Action Plans and guidance for implementation
2. EAC response to TRiM presentations and sharing recommendations for future progress

**Monday, February 7**

- 9:00 a.m. *Welcome and update of TRiM's Overall Aims, Accomplishments, and Path Going Forward*  
Dr. Kelly Drew, Center Director
- 9:30 a.m. *Post-Transcriptional Mechanisms of Muscle Atrophy Prevention in Hibernating Mammals, Project 1, UAF.*  
PI Vadim Fedorov, PhD  
Advisor/Collaborator: Dr. Esther Dupont-Versteegden
- 10:15 a.m. Break
- 10:30 a.m. *Microbial Provision of Essential Amino Acids: Protein Conservation in Hibernation, Project 2, UAA*  
PI Khrys Duddleston, PhD  
Advisor/Collaborator: Dr. Loren Buck
- 11:15 a.m. *EAC Action Plans – Who, What, How, and Why*  
Director Kelly Drew, PhD and all for discussion
- 12:30 p.m. Break for the day

## Tuesday, February 8

- 9:00 a.m. Welcome back and debrief of Day 1  
Dr. Kelly Drew
- 9:15 a.m. *Advanced Instrumentation in Microbial Studies (AIMS Core), UAA*  
Dr. Brandon Briggs, Core Leader  
AIMS Core Key Personnel: Eric Henderson, Lab Manager
- 9:45 a.m. *Health and Metabolism Research Core (HaMR), UAF*  
Dr. Carl Murphy, Core Leader and Molecular Imaging Facility Manager  
HaMR Core Key Personnel: Oivind Toien, PhD Animal Instrumentation Manager and  
Scott Jerome, PhD, Research Navigator
- 10:15 a.m. Break
- 10:30 a.m. *Admin Core, UAF*  
Kelly Drew, PhD Center Director and Denise Daniello, M.A. Program Coordinator
- 11:00 a.m. *Adaptations of Sleep and Cardiac Rhythms in the Hypometabolic State of a Human Sized Hibernator, Pilot Project*  
PI Oivind Toien, PhD
- 11:20 a.m. *Molecular Mechanisms Underlying Skeletal Muscle Temporal Dynamics in a Hibernating Mammal as a Pathway to Peripheral Artery Disease Intervention, Pilot Project*  
PI Anya Goropashnaya, PhD
- 11:40 a.m. *Vitamin D and Healthy Aging: Establishing the Sled Dog Sentinel for the Circumpolar North, Pilot Project*  
PI Kriya Dunlap, PhD
- 12:00 p.m. *TRiM Committee Chair Reports*  
Strategic Advisory Committee – Kelly Drew, PhD, Chair  
Translational Advisory Committee
- 12:30 p.m. EAC meeting wrap-up, set upcoming meeting dates, concluding remarks and discussion
- 1:15 p.m. Adjourn