

FROM THE DIRECTOR

Call for Colorado NORC Pilot Applications. We are requesting applications for pilot and feasibility projects to support new investigators with projects relevant to nutrition or obesity who have no independent NIH (or comparable) funding. The goal of the program is to help early career investigators (**post-doctoral fellows and junior faculty**) perform studies that will help them build their independent research program and support their efforts to acquire a career development award (K01, K08, K23, VA CDA2 or similar award) or their first independent R01 award. The program supports a **broad range of research on nutrition and obesity**, which includes, but is not limited to, the following areas:

- Early life influences affecting long term health
- Women's health and sex differences research
- Exercise, physical (in)activity, or energy expenditure
- Metabolic regulation, dysfunction, and related co morbidities (diabetes, cancer, CVD)
- Interventions for better health

Proposals related to health disparities, the science of behavior change, personalized nutrition/medicine, and disease-specific treatments are also encouraged to apply. **Contact caro.henauw@cuanschutz.edu for more information and application packets.** Application deadline is 5/16/2022 COB, and award start date is 8/1/2022. <http://cunorc.org/pilot-and-feasibility/>

Upcoming Progress Report. Our non-competitive renewal will be submitted in June, and Kristy Truesdale will be reaching out to everyone in the NORC research base regarding your **recent publications** to ask if you have any new trainees that would like to be included in our distribution list. Please take the time to respond to Kristy and help us sustain the NORC's programs and cores for our campus.

New Executive Committee Member. The NORC leadership welcomes Dr. Josiane Broussard to serve as an ad-hoc member of the center's Executive Committee. Dr. Broussard is an Assistant Professor of Health and Exercise Science at Colorado State University. Her research program is focused on how sleep and circadian disruptions affect metabolic disease and general health.

Congratulations to Audrey Bergouignan and family! Mister William (3.860 kg - 51 cm) was born on Easter Sunday at 330pm in Strasbourg, France.

**HIGHLIGHTS**

Kim Bruce, PhD, Assistant Professor, Dept. of Endocrinology. I am an Assistant Professor in Endocrinology, Metabolism and Diabetes where my lab investigates lipid and lipoprotein processing in brain health and disease. I trained in epigenetics and biochemistry at the University of Portsmouth (UK), followed by

post-docs at the University of Southampton (UK), and The Scripps Research Institute studying lipid metabolism. I'm now using those skills to understand how the key lipid processing enzyme, Lipoprotein Lipase (LPL), regulates lipoprotein processing in brain-resident microglia, and whether we can target LPL to improve outcomes in patients with neurodegenerative diseases such as Alzheimer's disease and Multiple sclerosis. My lab has been funded by a KL2, R03, R21 award, as well as pilot grants from the LCWHR, SPARK, and ABNEXUS, which have been instrumental in developing my research program. When I'm not in the lab, you'll find me going on hikes and hunting for dinosaur footprints with my two little boys!

NORC Social Event: Join us on **Thursday, May 5th from 3-4pm** on the 3rd floor of the CU Anschutz Health & Wellness Center. We would like to celebrate our 2021 NORC award winners, eat some food (Jerusalem Restaurant!) and get to spend some face to face time together. RSVP to kristy.truesdale@cuanschutz.edu

2022 NORC Summer Imaging Workshop: Metabolic Imaging in Clinical and Translational Research. Hosted jointly by the Colorado NORC and CCTSI.

Join Ed Melanson, PhD and Natalie Serkova, PhD with expert local and international speakers. This event will provide a broad overview on state-of-the-art metabolic imaging modalities and protocols including PET, SPECT, PET/MRI, MRI/MRS, QCT, DXA, and ultrasound. A major focus will be on explaining a broad range of imaging protocols and applications, use of contract/ molecular imaging tracers, and validation of quantitative imaging biomarkers and artificial intelligence (AI), mostly in the areas of nutrition, diabetes, endocrinology. **Who:** All members of our Colorado NORC Research base and their teams. **When: Monday, July 11th & Tuesday July 12th.** **RSVP** pending final details and location. Registration opens soon!

