Postdoctoral Position in Nutrition/Host-microbial interactions

The Pierre laboratory in the Department of Nutritional Sciences at the University of Wisconsin-Madison is actively recruiting a post-doctoral fellow to join our departmental research program through our NIH NIDDK T32 Metabolism and Nutrition Training Program. We are seeking highly motivated candidates who have recently completed their PhD within the areas of nutritional science, biochemistry, intestinal physiology, or host-microbe interactions or related fields.

The Pierre lab focuses on nutrition and microbial-host interactions that shape metabolic response and risk of metabolic diseases. They utilize preclinical models that include *in vivo* parenteral and enteral nutrition, diet studies, bariatric surgery, gnotobiotic approaches, and *in vitro* enteroid technologies. The ideal candidate will contribute to project areas that may include: 1) the composition of parenteral and enteral nutrition on hepatic disease and gut-liver axis in adult and pediatric animals and 2) dietary interventions to optimize weight loss and body composition following bariatric surgery intervention. Individuals with flow cytometry experience or expertise in microbiome and metabolomic computation and analysis are also encouraged to apply.

Successful candidates will have the ability to develop their own independent research project or area and have access to funds for professional development opportunities and travel. Professional development includes assistance with NIH fellowship application, mock study sections, preparing an individual development plan, chalk talk preparation, and guided training on submitting competitive research funding. More information about the NIH NIDDK T32 Metabolism and Nutrition Training Program (MANTP) can be found here: [https://nutrisci.wisc.edu/nih-training-grant/trainingprogram/](https://nutrisci.wisc.edu/nih-training-grant/trainingprogram/) and in the attached flyer.

Individuals will be compensated with a competitive salary above the NIH standard.

UW-Madison is an equal opportunity/affirmative action employer. **Per NIH T32 requirements, positions are open only to U.S. citizens and non-citizen nationals.**

Interested candidates in this position should contact Dr. Joe Pierre by email at jpiere@wisc.edu.
Postdoctoral Training Opportunities with the Metabolism and Nutrition Training Program (MANTP) at UW-Madison
- An NIH-funded T32 Training Program -

- A highly collegial community of scientists focused on the molecular, genetic, biochemical and clinical and population-based aspects of nutrition-related biomedical research.

- Mock-review of your required NIH F32 or similar nationally competitive predoctoral fellowship proposal in study section composed of other trainees and faculty trainers.

- Gain experience at grant reviewing via participation as a reviewer in MANTP mock study section.

- Funds (up to $2500) to pay help pay for unique professional development opportunities such as a class at Cold Spring Harbor Laboratories.

- Travel ($1000/yr) and research (up to ~$1000/yr) funds for your research

- Trainee-specific meetings (2-4 / semester) with outside speakers from academia, industry and other venues to discuss career trajectories and opportunities.

- Journal club linked to outside speaker visits

- Opportunity to host or co-host speaker.

- Annual meetings to discuss the research progress of all trainees including opportunities to deliver a “chalk-talk” that addresses the broad relevance of your work and its applicability to the NIH mission.

- Local and national meetings with trainees from other T32s where the focus is on improving research presentations at national meetings.
  - Annual Spring research retreat
  - Annual Talk or poster presentation with other T32s (Madison Scholars Symposium)
  - Annual retreat with U. Chicago T32 “Digestive Diseases and Nutrition” (~1 day conference that enhances exposure to basic and translational aspects of nutrition related biomedical research)

- Opportunities to mentor young investigators.

- Guidance from the MANTP Executive Committee in planning your career trajectory.

- Input regarding application letters, CVs, research presentation and what to expect in interviews.

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