



Gerald J. and Dorothy R.
Friedman School of
Nutrition Science and Policy

Position Title:

Postdoctoral Position in Global Dietary Intakes and Cardiovascular Disease Prevention

Required/Preferred Education, Experience, Skills:

Required education, experience and skills

Applicants must have a PhD/DrPH/ScD in nutrition, global health, cardiovascular epidemiology, public health, epidemiology or related fields; as well as a strong record of original, first-author, publications in one or more of these areas. Candidates should have excellent written and oral communication skills, strong quantitative/analytical research skills, experience using STATA, SPSS, SAS, or R for both data management and analysis, and the ability to work well independently and as part of a team with collaborators.

Preferred education, experience and skills

In addition, formal training is preferred in some combination of global demography, dietary assessment and analysis, health indicators/metrics related to undernutrition, modeling non-communicable disease burdens, and epidemiology.

Duties & Responsibilities:

An outstanding candidate is sought to work on an original research project supported by the Bill and Melinda Gates Foundation on expanding the Global Dietary Database (<http://www.globaldietarydatabase.org/>). The aims of the overall project are to: (1) extend and expand innovative work to build and develop the Global Dietary Database (GDD 2.0) through data assembly, harmonization and quality control to characterize dietary intakes in all countries around the world on individual-level national or subnational data; (2) broadly disseminate the GDD 2.0 via a new online platform, scientific meeting strategies, deeper research collaborations, and strategic partnerships; and (3) perform new investigations and reviews on maternal and child diet diversity/quality, based on existing metrics as well as our prior work considering food consumption patterns, in relation to key health outcomes.

Through the broader networks of Tufts research, this GDD work will also interact closely with other ongoing relevant projects at Tufts such as the USAID-funded Nutrition Innovation Lab (<http://www.nutritioninnovationlab.org/>), the Gates-funded International Dietary Data Expansion (INDDEx, <http://inddex.nutrition.tufts.edu/>), and the UK-funded Indicators of Affordable Nutritious Diets in Africa (IANDA, <http://ianda.nutrition.tufts.edu/>); and projects that have been affiliated with Tufts such as the Global Panel on Agriculture and Food Systems for Nutrition (GLOPAN, <https://www.glopan.org/>), the United Nations Food and Agricultural Organization/World Health Organization GIFT project (FAO/WHO GIFT, <http://www.fao.org/nutrition/assessment/food-consumption-database/en/>), the Global Burden of Diseases Project (GBD, <http://www.healthdata.org/gbd>), GALLUP's development of new global survey instruments on diet quality, the UNICEF/WHO TEAM (Technical Expert Advisory Group on Nutrition Monitoring), and others.

This postdoctoral fellow will work with the principal investigator, other project faculty, and the rest of the research team to help achieve the project aims. She or he will focus on assisting in the preparation and review of datasets, leading of analyses, abstract preparation, and manuscript drafting, with a focus on policy-relevant, peer-reviewed scientific abstracts and manuscripts on new investigations and reviews of maternal and child diet diversity/quality, based on existing metrics as well as our prior work considering food consumption patterns, in relation to key health outcomes. We anticipate the postdoctoral fellow leading -2 manuscripts assessing metrics of maternal and child diet diversity/quality, building on our prior work, in relation to child growth outcomes; and also 1-2 manuscripts identifying optimal levels of animal source foods for both growth outcomes in relation to maternal and/or child undernutrition and also as a risk factor for NCDs in specific countries or country typologies. The Postdoctoral fellow will also participate in planning and implementation of our scientific meeting strategy for dissemination of these findings to a broad international audience. The overall work and findings will be critical to inform evidence translation on global trends in food consumption and diet quality and on corresponding disease burdens. The publication of research results in high-quality journals and national and international conferences is expected.

The mentoring, research program, and training will be under the direction of Dr. Dariush Mozaffarian, Dean of the Friedman School of Nutrition Science & Policy at Tufts University (<http://nutrition.tufts.edu/profile/faculty/dariush-mozaffarian>); in close

collaboration with faculty member Dr. Patrick Webb (<http://nutrition.tufts.edu/profile/faculty/patrick-webb>). Under their leadership, the post-doctoral fellow will also work with a multi-disciplinary team including public health experts, medical doctors, nutritionists, epidemiologists, biostatisticians/modelers, and decision scientists, and will also have the opportunity to interface with international experts and stakeholders. Major emphasis will be placed on leading original analyses and manuscripts, career development, and transition toward an independent research career. A competitive salary, benefits, and travel/educational opportunities in the interdisciplinary environment at the Friedman School of Nutrition Science and Policy are offered.

This position is anticipated to be for 2-3 years. The initial appointment is for 1 year with annual renewal conditional on performance, funding availability and need. The ability to work in the US is required in order to apply for this position.

Preferred starting date in **2017**. Candidates from all over the world are encouraged to apply who should be willing to conduct their research work in the US, in the Friedman School of Nutrition Science and Policy at Tufts University, Boston.

Application Instructions:

Application should include:

1. Cover letter describing previous achievements, research interests, career goals, and why the candidate is suitable for this position (maximum 2 pages),
2. CV including a list of relevant publications,
3. Official copy of academic transcript(s)
4. Names, e-mail addresses, and telephone numbers for at least two academic referees (or reference letters from these individuals, if available).

Applications should be sent by e-mail (one pdf file) with the subject heading “**GDD 2.0 Post-Doc Application**” to Carrienne Crummett (Carrienne.crummett@tufts.edu). Applications will be considered as they are received.