

The Department of Nutrition, University of Massachusetts Amherst
invites you to

The 29th Annual Virginia A. Beal Lecture and Awards

WEDNESDAY, APRIL 12, 2017

4:00 PM – 6:45 PM

Student Union Ballroom in the Student Union Building

Micronutrients and Cancer Prevention: making sense of a U-shaped world



Joel B. Mason, M.D.

Professor of Medicine and Nutrition at Tufts University

Over the past few decades a number of micronutrients have been implicated as possible agents that can be used for the prevention of common cancers. These include beta-carotene, vitamin E, selenium, folate and vitamin D. For each of these nutrients epidemiological studies have suggested that, after correction for confounding variables, increased consumption is associated with a diminished risk of cancer. It has therefore been postulated that supplementing individuals at significant risk of these cancers will reduce the likelihood of cancer development. However, when submitted to randomized clinical trials these agents have generally not been effective, and in several instances the supplementation groups have actually displayed a paradoxical, increased risk of developing cancer. Although it remains a matter of debate there is accruing evidence that several micronutrients abide by the principle that sufficient amounts can minimize cancer risk, but supraphysiologic amounts may have a converse, cancer-promoting effect.

Dr. Joel Mason is Director of the Vitamins & Carcinogenesis Laboratory at the U.S.D.A. Human Nutrition Research Center at Tufts University, a research program that focuses on how nutrition and diet can be exploited for the purposes of cancer prevention, and is a practicing clinician at Tufts Medical Center.

Program:

- 4:00 PM **Refreshments and Poster Session**
Nutrition graduate students will be sharing their research in this open poster session
- 5:00 PM **Department of Nutrition Awards**
Presentation of the Virginia A. Beal, Peter Pellet, and Helen Mitchell Awards
- 5:45 PM **Micronutrients and Cancer Prevention: making sense of a U-shaped world**
Joel B. Mason, M.D.

2016 Scholarship Winners



1-1/2 CPE hours to be offered

This program is free and open to all.