

**GEORGE MASON UNIVERSITY  
COLLEGE OF SCIENCE  
BIOLOGY DEPARTMENT SEMINAR  
Fall 2015**

**Sina Gallo, Department of Nutrition and Food Studies  
College of Health and Human Services  
George Mason University**

***“The Early Life Origins of Disease: A Nutrition Perspective”***

Professor David Barker first proposed ~25 years ago that a number of chronic diseases, often diagnosed in adulthood, have origins before birth. Today we have evidence to support the idea that diseases such as diabetes, hypertension (high blood pressure) and obesity may in fact originate in early life. Environmental exposure including diet and nutrition may modulate this later disease risk. This idea is the premise for my research; in particular, I am interested in how nutritional factors during pregnancy, infancy and early childhood may affect the development of bone diseases and obesity later in life. This talk will highlight my research work exploring the role of infant vitamin D supplementation on bone health outcomes. Ongoing work including the timing of infant complementary feeding on later obesity risk will also be discussed.

**TUESDAY September 22, 2015**

**3:00-4:15 PM**

**Johnson Center Room Meeting Room F**