



Jocelyne Matar Boumosleh

Assistant Professor in Epidemiology and Biostatistics

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Biography

Jocelyne Matar Boumosleh is an assistant Professor at the Faculty of Nursing and Health Sciences at Notre Dame University (NDU)-Louaize. Dr. Boumosleh obtained her MPH from American University of Beirut and her PhD from University of Pittsburgh, Graduate School of Public Health, and completed her postdoctoral training at University of Texas Southwestern Medical Center in Dallas. Specialized in nutritional epidemiology and non-communicable diseases (NCDs), she is an epidemiologist with extensive experience in research design, the conduct of epidemiologic studies, data analysis, grant writing, and scientific writing. Her research interests include Breast Cancer/ Metabolic Syndrome etiology and risk assessment. Having held academic appointments at University of Balamand, Beirut and Notre Dame University, Louaize, she has been involved in graduate (master's and medical students) and undergraduate public health education in Lebanon (e.g., teaching, mentoring, and public health program development). Courses taught include Research Methods, Principles of Epidemiology and Biostatistics, Contemporary Health Issues,...

Peer-reviewed Journals

- Bunker CH, McDonald AC, Evans RW, de la Rosa N, Boumosleh JM, Patrick AL. A Randomized Trial of Lycopene Supplementation in Tobago Men with High Prostate Cancer Risk, *Nutrition and Cancer*, 2007; 57 (2):130-7 17571945

Peer-reviewed Conference Proceedings

- Endocrine Scientific Meeting, Toronto, Canada, 2007. Jocelyne Matar Boumosleh, PhD; Candace Kammerer PhD, Evelyn Talbott DrPH, Selma Witchel MD. " Genetic of Insulin resistance in families with Polycystic Ovarian Syndrome"
- The seventh Annual Postdoctoral symposium and poster Session., 2010. J Matar Boumosleh, PhD; Alice Chang, MD; Scot Grundsy, MD and Gloria Vega PhD. Body Composition Phenotype and Metabolic Risk Factors in polycystic Ovary Syndrome (PCOS) in the Reynolds Women's study.

Exhibitions, Competitions and Creative Work

- June 2004-June 2006 "Genetics of Insulin Resistance: The PPAR Pathway". As an investigator in this grant, Dr Boumosleh developed the protocol to explore the relationship between PCOS genotype and insulin resistance by examining a well-established population of polycystic ovary syndrome cases and their first and second-degree family members. Specifically, she developed new markers of insulin resistance and inflammation. This grant was funded by NICHD (R03 HD044693-01)
- Oct.2008-Oct 2010. "Adipose Tissue Cellularity in Polycystic Ovarian Syndrome"; As an investigator in this grant, Dr Boumosleh developed the protocol to determine whether women with polycystic ovarian syndrome

(PCOS) have reduced number of subcutaneous adipocytes compared with women without PCOS. The hypothesis to be tested is that PCOS women have a deficiency of subcutaneous adipose tissue cellularity. It is postulated that reduced subcutaneous adipose tissue cellularity is an underlying defect of the metabolic syndrome in PCOS. This grant was funded by Moss Heart Foundation).