

Anita Subramanian, Ph.D.
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EDUCATION

Ph.D. in Nutritional Sciences with a Minor in Statistics 2019
The Pennsylvania State University, University Park, PA
Dissertation: Effect of Prenatal Vitamin D Supplementation on
Maternal Blood Pressure and Placental Angiogenesis in Bangladesh
(Mentor: Dr. Alison D. Gernand)

M.Sc. in Dietetics and Food Service Management 2014
IGNOU, New Delhi, India
Thesis: Energy Balance Among Primary School Children: A Cross-Sectional Study

B.A. in Nutrition with a Minor in Biology 2009
College of Saint Benedict, St. Joseph, MN

RESEARCH AND/OR PROFESSIONAL EXPERIENCE

Visiting Fellow

National Institutes of Health/ National Institute of Environmental Health Sciences March 2020-Present
(NIH/NIEHS)
Fertility and Reproductive Health Group, Epidemiology Branch

Graduate Research Assistant

August 2015-August 2019

Department of Nutritional Sciences, The Pennsylvania State University, University Park

Research Intern

May 2016-June 2016

Mamta Health Institute for Mother and Child, New Delhi, India

Dietetic Intern

June 2013-July 2013

Dietetics Department, Dr. B.L.Kapur Super Specialty Hospital, New Delhi, India

Research Assistant

June 2009-June 2011

Fortis Flt. Lt. Rajan Dhall Hospital, Vasant Kunj, New Delhi, India

TEACHING EXPERIENCE

Teaching Assistant

Department of Nutritional Sciences, The Pennsylvania State University, University Park

Medical Nutrition Therapy

Spring 2019

Nutrition Throughout the Lifecycle

Fall 2017

Global Nutrition Problems: Health, Science and Ethics

Fall 2016

Guest Lecturer

“Nutrition Throughout the Lifecycle”, Department of Nutritional Sciences, The Pennsylvania State University, University Park, PA, Fall 2017 (1 lecture)

“Global Nutrition Problems: Health, Science and Ethics”, Department of Nutritional Sciences, The Pennsylvania State University, University Park, PA, Fall 2016 (3 lectures)

MENTORING EXPERIENCE

Mentored four undergraduate (majors: Nutrition, Biology) and one graduate student (major: physiology) who helped with my research. One of these undergraduates also worked on an independent study.

HONORS AND AWARDS

- Undergraduate Mentor Award, Department of Nutritional Sciences, The Pennsylvania State University April 2019
- Nutrition Travel Grant, Department of Nutritional Sciences, The Pennsylvania State University Spring 2019
- Mary Frances Picciano Endowment Award, Department of Nutritional Sciences, The Pennsylvania State University Fall/Spring (2018-19)
- Finalist in the Clinical Emerging Leader Award Oral Competition at Nutrition 2018, Boston, organized by the American Society for Nutrition June 2018
- American Society for Nutrition Travel Grant, Nutrition 2018, Boston June 2018
- Ruth L.Pike Scholarship in Basic Nutrition Science, The Pennsylvania State University Fall/Spring (2016-17)
- Excellence in Graduate Recruitment, The Pennsylvania State University Fall/Spring (2015-16)
- UGC-National Eligibility Test (NET)- qualified for eligibility of Assistant Professor in India in the subject of Home Science (Nutrition) June 2014

PRESENTATIONS

Oral Presentations:

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Blood Pressure. Nutrition 2018, Boston. June 2018.

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Blood Pressure. Life Science Symposium, The Pennsylvania State University, University Park. May 2018.

Subramanian A., Kapur D. Assessment of nutritional status of primary school going children living in New Delhi. National Conference on Community Health and Nutrition organized by The Society for Clinical Nutrition and Metabolism (IAEPN), Jalandhar, Punjab, India. March 2015

Poster Presentations:

Carr CM., **Subramanian A.**, Papp E., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Prenatal Vitamin D Supplementation on Placental Terminal Villi in Bangladesh. Undergraduate Research Exhibition. The Pennsylvania State University, University Park. April 2019.

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Blood Pressure. Nutrition 2018, Boston. June 2018.

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Blood Pressure. Life Science Symposium, The Pennsylvania State University, University Park. May 2018.

Subramanian A., Gernand AD. Vitamin D Metabolites Across the Menstrual Cycle: A Systematic Review. Women's Health Research Day, The Pennsylvania State University, University Park. November 2017.

Subramanian A., Gernand AD. Vitamin D Status and the Menstrual Cycle: A Systematic Review. Experimental Biology, Chicago. April 2017.

Subramanian A., Kapur D. Energy Balance Among Primary School Going Children: A Cross-Sectional Study. 47th Annual National Conference of the Indian Dietetic Association, New Delhi, India. December 2014.

e-Poster Discussion Presentation

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Blood Pressure. Nutrition 2018, Boston. June 2018.

Poster Theater Flash Session Presentation

Subramanian A., Carr CM., Papp E., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Prenatal Vitamin D Supplementation on Placental Angiogenic Factors in Bangladesh. Nutrition 2019, Baltimore. June 2019.

Invited Talks

Subramanian A. Does Prenatal Vitamin D have an Effect on Placental Angiogenesis and Maternal Blood Pressure in Bangladesh? Nutrition Colloquium, Department of Nutritional Sciences, The Pennsylvania State University, University Park. January 2019.

Subramanian A. Vitamin D in Type 2 Diabetes. Nutrition Empowerment for Prevention and Management of Diabetes. National Diabetes, Obesity and Cholesterol Foundation (N-DOC) in collaboration with Nestle Nutrition Institute, New Delhi, India. November 2010.

PUBLICATIONS

Subramanian A., Korsiak J., Murphy KE., Mahmud AA., Roth DE., Gernand AD. Effect of Vitamin D Supplementation During Pregnancy on Mid – to - Late Gestational Blood Pressure in a Randomized Controlled Trial in Bangladesh. (2021). *Journal of Hypertension*, 39(1):135-142.

Subramanian A., Gernand AD. Vitamin D metabolites across the menstrual cycle: a systematic review. (2019). *BMC Women's Health*, 19(1):19.

Subramanian A., Nigam P., Misra A., Pandey RM., Mathur M., Gupta R., Madhusudan S. Severe vitamin D deficiency in patients with type 2 diabetes in north India. (2011). *Diabetes Management*, 1,477-483.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

The Society for Pediatric and Perinatal Epidemiologic Research
Society for Epidemiologic Research
American Society for Nutrition
Indian Dietetics Association
Nutrition Society of India

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT

Attended a workshop at the National Institutes of Health (NIH) on
“Predicting, Preventing and Treating Preeclampsia” May 2018

SickKids Public Health Nutrition Course (SPHNC) November 2017

KIGlobalHx: An Introduction to Global Health, An Online Course May 2016

PROFESSIONAL SERVICE

Judge for Undergraduate Research Exhibition, The Pennsylvania State University,
University Park, PA April 2018 &
April 2019
Judge for Graduate Research Exhibition, The Pennsylvania State University,
University Park, PA March 2018