

# Ms. PHANI DEEPTI JAKKILINKI

New Delhi, India

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Nationality - Indian Date of Birth - June 13<sup>th</sup> 1988

## Clinical and basic science research career goals

Scientific writing of research for publishing  
Understanding the forms of human malnutrition and metabolism  
Non-communicable diseases and public health  
Food and medicine combined metabolism.

## Education [International student]

University of Rhode Island, Kingston, RI, USA 2023 onwards  
Graduate student in PhD program and Teaching Assistant (TA)  
Nutrition and Food Sciences Department, College of Health Sciences

Boston University School of Medicine, Boston MA, USA 2015-2017  
Master of Science Nutrition and Metabolism

Courses: Physiological, Biochemical and Molecular Bases of Nutrition: Energy and Micronutrients; Clinical Research Studies of Human Obesity; Biostatistics with Computing; Molecular Nutrition II: Macronutrient metabolism; Nutrition Seminar; Intermediate Statistical Analysis and Computing for Clinical Research; Research Design and Statistical Methods for Biomedical Sciences; Directed study; Molecular Basis of Organ Systems Diseases; Basic Neurosciences

University of Guelph, Ontario, Canada 2007-2011  
Bachelor of Science (Honours) Bio-Medical Science

Courses: Dynamics of Behaviour; Sociology; Philosophy of Medicine; Social Psychology; Fundamentals of Nutrition; Micronutrients, Phytochemicals, and Health; Epidemiology; Research Modules; Principles of Disease; Functional Foods and Nutraceuticals; Toxicology, Nutrition, and Food; Current Issues in Nutrigenomics; Human Anatomy; Medical Embryology; Principles of Pharmacology, Cardiology

International School of Geneva, Switzerland 2005-2006  
International Baccalaureate Diploma (37 points)

## Additional Courses

Harvard T.H. Chan School of Public Health 2019  
Certificate Courses:  
1. Occupational Medicine  
2. Principles of Toxicology

Boston University  
Undergraduate course: Biochemistry I

May – June 2015

Johns Hopkins University Bloomberg School of Public Health  
Online Graduate courses  
Nutrition in disease treatment and prevention  
Current issues in public health

March – May 2013

### Research & Work Experience [Employee]

Boston Children's Hospital  
Department of Laboratory Medicine [Volunteer Research Scientist]  
Project – Effect of milk and salt intake on thyroid gland function.  
Working remotely on zoom from Delhi.

Since 2022

- 1) Data analysis of National Health and Nutrition Examination Survey (NHANES) with R software. This is clinical data.
- 2) Perform literature search using Pubmed.
- 3) Medical writing for a manuscript.

CanKids...KidsCan Organization [Assistant Manager]  
Working with Max Hospital Saket, Oncology department

2021 – 2022

Quality Care Research and Impact (QCRI) department focused on Childhood cancer

- 1) Draft grant writing.
- 2) Searching for grants.
- 3) Gathering information about cancer to convey to patients and families.
- 4) Understanding access to blood products when cancer patients require blood transfusion.
- 5) Understanding survivor clinics.
- 6) Convey information about nutrition to patients and families.

Max Super Speciality Hospital Saket  
Centre for Liver and Biliary Sciences (liver transplant) [Research scientist]  
Understanding liver diseases and nutrition aspect of liver function

2021

- 1) Writing – editing and revising textbook chapters and manuscripts for publication. A review will be submitted for publication in future on covid-19 vaccine in organ transplant. Data analysis for studies on portal vein thrombosis and pediatric liver transplant and other important studies. Literature search for a study for hepatitis B virus infection. Conducted a study on covid-19 vaccination which has been published in Journal of Liver Transplantation in July 2022. Title – Efficacy and safety of SARS-CoV-2 vaccines in living donor liver transplant recipients. <https://doi.org/10.1016/j.liver.2022.100116>
- 2) Obtaining ethical clearance for clinical research studies.

Department of Endocrinology, Diabetes, and Metabolism

2021

- 1) Edited and wrote a book for patients with Diabetes.
- 2) Wrote a book for patients with obesity.

LiveNutriFit Obesity Clinic [Research scientist] Biostatistics analysis of data and writing	2020
Sitaram Bhartiya Institute of Science and Research [Research volunteer] Paediatrics Department Introduction to clinical trials. Medicine and nutrient metabolism (micronutrients).	2020
University of Texas Health Science Centre [Online research staff] Department of Cellular and Molecular Biology Pulmonary Medicine and Toxicology 1) Writing for research grant 2) Meta-analysis work	2020
All India Institute of Medical Sciences (AIIMS) [Observer] Gastroenterology and Human Nutrition Department Task: Observation of patients with various gastroenterology diseases during diet counselling Attended Symposium on “Current Trends in Therapeutics & Diagnostics of Non-alcoholic Fatty Liver Disease”	2019
Public Health Foundation of India [Research Associate] Centre for Chronic Disease Control (Affiliated to Ministry of Health and Family Welfare, Government of India) World Health Organization Collaborating Centre for Surveillance, Capacity Building and Translational Research in Cardio-Metabolic Diseases	2018 – 2019
Project: Sustainable Healthy Environmental Food Systems Understanding the effect of the environment on food system and health outcomes. Professor of Nutrition and Noncommunicable diseases lecture in NCD Module. Objectives: Creation of food frequency questionnaire; Completion of literature review of food supply chain; Translation of audio data from Telugu to English	
Boston University School of Medicine [Research Assistant] Section of Preventative Medicine & Epidemiology Learnt SAS; Analyzed data on fruit intake in children. This work is prepared as a manuscript (first author) Attended American Society for Nutrition (ASN) Meeting First author for two publications. Title - Effects of Fruit Juice Intake during Preadolescence on Later Diet Quality in the National Growth and Health Study Cohort Published in Current Developments in Nutrition – Maternal, Perinatal, and Pediatric Nutrition. Nov 2018; 2(11) doi: 10.1093/cdn/nzy040. PMC6265818. Available online - <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6265818/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6265818/</a>	2017 – 2018
Title - A longitudinal study of fruit juice consumption during preschool years and subsequent diet quality and BMI	

Published in BMC Nutrition journal.  
2020 May 14;6:25. doi: 10.1186/s40795-020-00347-6. PMID: 32467768

Master degree thesis [Graduate student in basic science lab] 2016 – 2017  
Title: The Effect of SREBP on Glucose-Induced Fat Accumulation in INS-1 Cells  
This has been published as a book and the data will be published in a journal. Learnt to culture INS-1 cells and performed experiments  
Lab techniques – Immunofluorescence; Western blot; qPCR. Using a confocal microscope  
Provided a poster and spoken presentation  
Available online- <https://open.bu.edu/handle/2144/23802>

University of Guelph [undergraduate research student] 2011  
Phase 1 Spinal Manipulation Evokes Segmental Antinociceptive Effects  
Phase 2 Spinal Manipulation Modulates Galvanic Vestibular Thresholds in adults

### **Internships and Volunteer work experience [Employee]**

World Health Organization Headquarters [Intern] 2011- 2012  
Completed WHO Health and Human Rights Training  
Nutrition for Health and Development Department, Nutrition Policy and Scientific Advice Unit  
Nutrition Friendly School Initiative and WHO Global Database related work  
Focus of training: nutrition interventions to prevent obesity and other related diseases in a school-based setting; evidence to be used for policy guidance in different countries; clinical research in prevention of malnutrition  
Served as member of the WHO Secretariat for Fourth Meeting of the Nutrition Guidance Expert Advisory Group - Subgroup Diet and Health

Guelph General Hospital (Clinical experience) [Volunteer] 2010 – 2011  
MRI and Diagnostic Imaging department  
Assisted patients prepare for scanning. Guided the staff to perform the scan on patients

Arthritis Society Canada [volunteer] 2010 – 2011  
Understood various forms of arthritis and organized an event.  
The event was for patients to interact with each other and ask Rheumatologist questions about treatment and disease management. Attended a workshop for patients and family members to receive guidance on arthritis management

Guelph Health and Performance Centre [volunteer] 2010 – 2011  
Fitness and Nutrition department  
Worked with students and staff to promote awareness on eating habits and exercise. Created a monthly newsletter

Better World Books [bookstore liaison] 2009- 2011  
Books for Africa book drive  
Textbooks were shipped to schools of Africa

Leave the Pack Behind (anti-tobacco initiative) [volunteer] 2009 - 2010  
Student Wellness Centre  
Assisted smokers to stop smoking

University of Geneva Hospital (clinical experience) [Intern] 2009  
Neurosonology and electromyography units  
Shadowed neurologists diagnosing patients

Women's International League of Peace and Freedom [Volunteer] 2008  
Database work and website designing.

Collaborative Institutional Training Initiative Program  
Medical Campus Biomedical Researchers certificate September 2017-September 2020  
Record ID 24723419

NIDA Clinical Trials Network Certificate for Good Clinical Practice  
Completion date - 28 February 2022. Expiration date - 28 February 2025.

#### **Technology skills**

1. MacOS and Windows computer operating systems.
2. Microsoft Word, Powerpoint, Publisher, Access, outlook, One note.
3. Biostatistics and data analysis - Microsoft Excel, R, R Studio, SAS
4. NIH Image J for basic science research microscope
5. Pubmed, Mendeley, Endnote, Zotero.

#### **Speech and Style of work**

English: I have passed the IELTS and TOEFL

Foreign languages: French & Spanish.

Indian Languages: Hindi and Telugu

July 2023