

• **Name:** Nishan Sudheera Kalupahana

• **Current Position:**

Professor in Human Nutrition, Department of Physiology, Faculty of Medicine, University of Peradeniya

• **Country:** Sri Lanka

• **Educational Background:**

- 2012 **Postdoc**, Immunology, St. Jude Children's Research Hospital, Memphis, Tennessee, USA
- 2011 **Ph.D.**, Nutritional Sciences (major), Exercise Physiology (minor), University of Tennessee, Knoxville, TN, USA
Mentor: Dr. Naima Moustaid-Moussa
Dissertation title: "Genetic and nutritional studies to elucidate the role of adipose tissue in the pathogenesis of metabolic syndrome."
- 2006 **M.Phil.** (Master of Philosophy), Human Physiology, University of Peradeniya, Sri Lanka
- 2001 **M.B.B.S.** (Bachelor of Medicine and Surgery), University of Peradeniya, Sri Lanka, Graduated with honors
- 1980-1993 Primary and Secondary education – Dharmaraja College, Kandy

• **Professional Experiences:**

- 2013 to date **Professor in Human Nutrition**, Department of Physiology, Faculty of Medicine, University of Peradeniya, Sri Lanka
- 2015 to date **Adjunct Professor**, Nutritional Sciences, Texas Tech University, Lubbock, TX, USA
- 2012 to date **Consultant Nutritionist**, Faculty of Medicine, University of Peradeniya - providing visiting clinical nutrition services to the Teaching Hospitals of Peradeniya and Kandy
- 2014 **Visiting Associate Professor**, Department of Nutritional Sciences, Texas Tech University, Lubbock, TX, USA
- 2008 - 2013 **Senior Lecturer**
Department of Physiology, Faculty of Medicine, University of Peradeniya, Peradeniya, Sri Lanka
- 2011 - 2012 **Research Fellow**, Department of Immunology, St. Jude Children's Hospital, Memphis, TN, USA
- 2003 - 2008 **Lecturer**, Department of Physiology, Faculty of Medicine, University of Peradeniya, Peradeniya, Sri Lanka
- 2006 - 2011 **Graduate Assistant**
University of Tennessee, Knoxville, TN, USA
- 2002 - 2003 **Intern Medical Officer**, Peradeniya Teaching Hospital, Peradeniya, Sri Lanka

• **Professional Organizations:**

PROFESSIONAL SOCIETIES

American Society for Nutrition

World Obesity Federation

European Society Clinical Nutrition and Metabolism (ESPEN)

Sri Lanka Medical Association

Sri Lanka College of Endocrinologists

Physiological Society of Sri Lanka

Sri Lanka Medical Nutrition Association – Current vice-president

PROFESSIONAL SERVICE

BOARD OF STUDIES

2017 to date: Member of Specialty board on Clinical Nutrition, PGIM, University of Colombo

2015 to date: Member of board of study in Basic and Medical Sciences, PGIM, University of Colombo

2015 to date: Member of Speciality board in Physiology, PGIM, University of Colombo

2015 to date: Member of Curriculum development committee for MD clinical nutrition, PGIM, University of Colombo

EXAMINER

MD (surgery) Part I examination – Examiner for Physiology

MD (Clinical Nutrition) Part I examination

GRANT REVIEW COMMITTEES

2015 Reviewer, National Research Council, Sri Lanka

2012 Reviewer, Medical Research Council (MRC) – UK

CONSULTANT

Nutrition consultant, Plan International Country Strategic Plan for Sri Lanka 2017-2022

EDITOR

2015 to 2016: Sri Lanka Journal of Medicine

EDITORIAL BOARD MEMBER

2016 to date: Journal of Nutritional Biochemistry (an Elsevier journal: impact factor: 4.7)

JOURNAL REVIEWER

International Journal of Obesity

American Journal of Physiology: Endocrinology and Metabolism

Molecular and Cellular Endocrinology

Journal of Nutritional Biochemistry

Obesity

Physiological Genomics

Gene

Nutrition and Metabolism

The Journal of Maternal-Fetal & Neonatal Medicine

Journal of the Renin-Angiotensin-Aldosterone System

Diabetes Research and Clinical Practice

Hormone and Metabolic Research

Molecular Nutrition and Food Research

• Main Scientific Publications:

BOOK CHAPTERS:

1. **Kalupahana NS**, Moustaid-Moussa N, Voy BH, Kim JH, Bassett D, Bray MS, Lightfoot TJ. The Regulation of Physical Activity by Genetic Mechanisms: Is There a Drive to be Active? In: *Genetic and Molecular Aspects of Sports Performance*. Edited by Bouchard C, Hoffman E: Wiley-Blackwell; 2011: 283-293

2. Bray MS, Fulton JE, **Kalupahana NS**, Lightfoot TJ. Genetic Epidemiology, Physical Activity and Inactivity. In: *Genetic and Molecular Aspects of Sport Performance*. Edited by Bouchard C, Hoffman E: Wiley-Blackwell; 2011: 81-89

3. Siriwardhana N, **Kalupahana NS** and Moustaid-Moussa N. Health benefits of n-3 polyunsaturated fatty acids: eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA). In *Handbook of Marine Medicinal Food: Applications and Implications (2nd Ed.)* Edited by Se-Kwon Kim: Elsevier; 2012

4. **Kalupahana NS**, Jayalath T, Wang S and Moustaid-Moussa N. Regulation and metabolic effects of white adipose tissue SCD expression. In: *Stearoyl Coenzyme-A Desaturase Genes in Lipid Metabolism*. Edited by James M. Ntambi: Springer; 2013: 49-60
5. **Kalupahana NS**, Wang S, Rahman S and Moustaid-Moussa N. Function and regulation of macrophage SCD in metabolic disorders. In: *Stearoyl Coenzyme-A Desaturase Genes in Lipid Metabolism*. Edited by James M. Ntambi: Springer; 2013:61-71