

Malinee Neelamegam, PhD, MPH, CPH

malinee.neelamegam@unthsc.edu

EDUCATION

- Doctor of Philosophy in Public Health** May 2019
Department of Epidemiology and Biostatistics
University of South Florida, Tampa, FL
Concentration: Epidemiology
- Master of Public Health** August 2014
Department of Epidemiology and Biostatistics
University of South Florida, Tampa, FL
Concentration: Epidemiology & Global Health Practice
- Master of Business Administration** June 2007
Graduate School of Management
University Putra Malaysia, Kuala Lumpur, Malaysia
- Bachelor of Biomedical Sciences** April 2002
Faculty of Health Sciences
National University of Malaysia, Kuala Lumpur, Malaysia
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PROFESSIONAL EXPERIENCE

- Assistant Professor, Tenure-Earning** July 2021 - present
Department of Biostatistics and Epidemiology
School of Public Health
University of North Texas Health Science Center
Fort Worth, TX
- Postdoctoral Fellow** July 2019 – June 2021
Department of Epidemiology of Microbial Diseases, Yale School of Public Health
New Haven, Connecticut
Supervisors: Dr. Frederick Altice and Dr. Adeeba Kamarulzaman
- Program Coordinator** September 2020 – June 2021
WHO-TDR Regional Training Centre in Implementation Science (Western Pacific Region)
Faculty of Medicine, University of Malaya
Kuala Lumpur, Malaysia
Program Lead: Dr. Adeeba Kamarulzaman
- Program Coordinator (Malaysia)** May 2020 – June 2021
Malaysian Implementation Science Training (MIST) Program in HIV (Grant Number: 5D43TW011324-02)
Yale School of Public Health, New Haven, Connecticut & Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia
Principal Investigators: Dr. Frederick Altice (Yale University) and Dr. Adeeba Kamarulzaman (University of Malaya)
- Visiting Scholar** September 2019 – June 2021
Centre of Excellence for Research in AIDS, Faculty of Medicine, University of Malaya

Kuala Lumpur, Malaysia
Supervisor: Dr. Adeeba Kamarulzaman

Research Officer

National Institutes of Health, Ministry of Health Malaysia
Kuala Lumpur, Malaysia
Supervisors: Dr. Irene Looi and Dr. Ong Loke Meng

August 2007 – July 2012

Product Specialist

Ferring Pharmaceuticals
Kuala Lumpur, Malaysia
Supervisor: Ms. Shoba Murugasu

May 2002 – July 2007

RESEARCH GRANTS

Principal Investigator

Grant ID: D43TW010540
Sponsor: Fogarty International Center (FIC) and the National Institute of Neurological Disorders and Stroke (NINDS)
Project: Neurocognitive Impairment in People Living with HIV In Malaysia

September 2019 – present

Co-Investigator

Sponsor: University of Newcastle, UK
Project: Patient and Public Involvement (PPI) to Establish Research Priorities for People Living with HIV in LMICs

September 2019 –
November 2019

Principal Investigator

Sponsor: Endeavour Program, Department of Education & Training, Australian Government
Project: Effect of Prescription Medication on the Cognitive Function of Older Australians

November 2016 –
May 2019

Co-Investigator

Grant ID: NMRR-09-1015-4321
Sponsor: Major Research Grant (MRG), Ministry of Health Malaysia
Project: Stroke incidence and epidemiology in Malaysia

February 2010 –
December 2011

OTHER RESEARCH EXPERIENCE

Team Statistician (Clinical Trial)

Faculty of Medicine, University of Malaya
Project: An Open-label, Randomized, Cross-over Interventional Study to Evaluate the Efficacy and Safety of Tocilizumab Versus Corticosteroids in Hospitalised COVID-19 Patients with High Risk of Progression
ClinicalTrials.gov ID: NCT04345445
Principal Investigator: Dr. Adeeba Kamarulzaman
Sponsor: University of Malaya

April 2020 - present

Graduate Research Assistant

School of Social Work, College of Behavioral and Community Sciences, University of South Florida
Project: Cancer Related Knowledge, Attitudes and Practices of Older Latino Immigrants in the US
Principal Investigator: Dr. Iraida Carrion

August 2017 – May 2019

Sponsor: Administration on Aging, U.S Department of Health and Human Services

Graduate Research Assistant

August 2017 – July 2018

Office of Research and Practice, College of Public Health, University of South Florida

Project: Emergency Contraception Knowledge, Attitudes and Practices among Obstetrics and Gynaecology, and Family Medicine Residents

Supervisor: Dr. Ellen Daley

Sponsor: University of South Florida, Women's Health Collaborative

Research Officer

April 2009 – July 2012

National Institutes of Health, Ministry of Health Malaysia

Project: National Neurology Patient Registry

Kuala Lumpur, Malaysia

Principal Investigator: Dr. Irene Looi

Sponsor: Ministry of Health Malaysia

Research Project Manager (Clinical Trial)

November 2008 –
December 2009

National Institutes of Health, Ministry of Health Malaysia

Project: Safety and Efficacy Study of Paricalcitol Versus Calcitriol in the Treatment of Secondary Hyperparathyroidism

ClinicalTrials.gov ID: NCT00800358

Principal Investigator: Dr. Ong Loke Meng

Sponsor: Ministry of Health Malaysia

GRADUATE / UNDERGRADUATE TEACHING EXPERIENCE

Instructor

Fall 2021

Course: Foundations of Public Health (PHED 5330)

School of Public Health

University of North Texas Health Science Center,

Fort Worth, TX

Instructor

Spring 2019, Fall 2018

Course: Intro to Health Disparities (PHC 4464)

College of Public Health

University of South Florida,

Tampa, FL

Graduate Teaching Assistant

Spring 2019, Spring 2017,
Spring 2015

Course: Epidemiology Methods in Infectious Diseases (PHC 6006)

College of Public Health

University of South Florida

Tampa, FL

Graduate Teaching Assistant

Fall 2017, Fall 2018

Course: Intro to Doctoral Training (PHC 7982)

College of Public Health

University of South Florida

Tampa, FL

Graduate Assistant (Course Development)

Fall 2017

Course: Advanced Public Health Research (PHC 7703)

College of Public Health

University of South Florida
Tampa, FL

Graduate Teaching Assistant

Summer 2017

Course: Biostatistics II (PHC 6051)

Department of Epidemiology and Biostatistics, College of Public Health
University of South Florida
Tampa, FL

Graduate Teaching Assistant (Course Development)

Spring 2017

Course: Evidence Informed Public Health I (PHC 7154)

College of Public Health,
University of South Florida
Tampa, FL

Graduate Teaching Assistant

Summer 2017, Spring 2017,
Fall 2016, Spring 2016, Fall
2015, Spring 2015, Summer
2015, Fall 2014

Course: Epidemiology (PHC 6000)

College of Public Health,
University of South Florida
Tampa, FL

Graduate Teaching Assistant

Summer 2015, Fall 2014

Course: Biostatistics I (PHC 6050)

College of Public Health,
University of South Florida
Tampa, FL

Graduate Teaching Assistant

Fall 2013

Course: Survey of Human Diseases (HSC 4551)

College of Public Health, University of South Florida
Tampa, FL

INVITED TALKS

Invited Guest Lecturer

Fall 2020, Spring 2021

Topic: Research Methods in Implementation Science

Course: Research Methods (MQB 7001)

Faculty of Medicine
University of Malaya
Kuala Lumpur, Malaysia

Invited Guest Speaker

Summer 2017

Topic: Case-control Studies

Resident Research Seminar Series
Graduate Medical Education
Brandon Regional Hospital
Brandon, FL

Invited Guest Speaker

Summer 2017

Topic: Conducting Secondary Data Analysis

Resident Research Seminar Series
Graduate Medical Education
Brandon Regional Hospital
Brandon, FL

Invited Guest Speaker

Spring 2017

Topic: How to Write a Research Proposal

Resident Research Seminar Series

Graduate Medical Education
Brandon Regional Hospital
Brandon, FL

Invited Guest Speaker

Spring 2017

Topic: Association between Sleep Parameters and the Mini Mental State Examination (MMSE) Score.
Centre for Research on Ageing, Health and Wellbeing (CRAHW) Seminar
Australian National University
Canberra, Australia

Invited Guest Speaker

Spring 2013

Topic: Public Health in Malaysia
2013 Fulbright Meet and Greet
University of South Florida,
Tampa, FL

PEER REVIEWED PUBLICATIONS

Neelamegam, M., Zgibor, J., Chen, H., O'Rourke, K., Bakour, C., Rajaram, L. and Anstey, K.J., (2021). The effect of opioids on the cognitive function of older adults: results from the Personality and Total Health through life study. *Age and Ageing*.

Neelamegam, M., Zgibor, J., Chen, H., O'Rourke, K., Bakour, C., Rajaram, L. and Anstey, K.J., 2021. Trends in anticholinergic and opioid dispensing in older adults from 2004 to 2015: Results from the Personality and Total Health (PATH) Through Life Study. *Australasian Journal on Ageing*, 40(2), pp.e173-e177.

Ahmad, A., **Neelamegam, M.,** & Rajasuriar, R. (2020). Ageing with HIV: Health Implications and Evolving Care Needs. *Journal of the International AIDS Society*, 23(9). DOI:10.1002/jia2.25621

Neelamegam, M., Zgibor, J., Chen, H., O'Rourke, K., Bakour, C., Rajaram, L., & Anstey, K. J. (2020). The Effect of Cumulative Anticholinergic Use on the Cognitive Function of Older Adults. Results from the Personality and Total Health (PATH) Through Life Study. *The Journals of Gerontology: Series A*, 75(9). DOI: 10.1093/gerona/glaa145

Etapé, T., Carrion, I. V., Estapé, J., & **Neelamegam, M.** (2020). Exploring the Knowledge and Attitudes about Cancer of Older Adults in Barcelona, Spain. *Journal of Psychosocial Oncology Research and Practice*, 2(1), e16. DOI: 10.1097/OR9.000000000000016

Rapkin, R. B., Griner, S. B., Godcharles, C. L., Vamos, C. A., **Neelamegam, M.,** Thompson, E. L., & Daley, E. M. (2019). Obstetrics and Gynecology and Family Medicine Residents' Training and Knowledge on Emergency Contraception. *Journal of Women's Health*, 28(6), 794-801. DOI: 10.1089/jwh.2018.7297

Walker, K. K., Jackson, R. D., Sommariva, S., **Neelamegam, M.,** & Desch, J. (2019). USA Dental Health Providers' Role in HPV Vaccine Communication and HPV-OPC Protection: A Systematic Review. *Human Vaccines & Immunotherapeutics*, 15(7-8), 1863-1869. DOI: 10.1080/21645515.2018.1558690

Yiengprugsawan, V., Healy, J., Kendig, H., **Neelamegam, M.,** Karunapema, P., & Kasemsup, V. (2017). Reorienting Health Services to People with Chronic Health Conditions: Diabetes and Stroke Services in Malaysia, Sri Lanka, and Thailand. *Health Systems & Reform*, 3(3), 171-181. DOI: 10.1080/23288604.2017.1356428

Neelamegam, M., Looi, I., Cheah, W. K., Narayanan, P., Hamid, A. M. A., & Ong, L. M. (2013). Stroke Incidence in The South West District of The Penang Island, Malaysia: Pearls: Penang Acute Stroke Research Longitudinal Study. *Preventive Medicine*, 57, S77-S79. DOI: 10.1016/j.ypmed.2012.12.022

Neelamegam, M., Looi, I., Ng, K. S., & Malavade, S. S. (2017). Vitamin E Supplementation for Preventing Recurrent Stroke and Other Vascular Events in Patients with Stroke or Transient Ischaemic Attack. *The Cochrane Database of Systematic Reviews*, 2017(2). DOI: 10.1002/14651858.CD010797

ORAL PRESENTATIONS

Carrion, I.V., Estapé, T., **Neelamegam, M.,** Roberts, J. (2020, November) Honoring Older Latino Immigrants' Perspectives on Cancer: Informing the Future. The Gerontological Society of America 2020 Annual Scientific Online Meeting.

Carrion, I.V., Estapé, T., **Neelamegam, M.,** Roberts, J., & Estapé, J., (2020, January) Older Latinos/as Facing Inequality: Battling the "Mis" Information Age. Society of Social Work Research SSWR, Washington, D.C.

Carrion, I.V., Estapé, T., **Neelamegam, M.,** Roberts, J., & Estapé, J., (2019, November) The Power of Cancer Knowledge Exchange among Older Latinos. The Gerontological Society of America 71st Annual Scientific Meeting, Austin, TX.

Carrion, I.V., Estapé, T., **Neelamegam, M.,** Roberts, J., Estapé, J., (2019, September) A Global Perspective: Embracing Views about Cancer of Older Latino Immigrants. 21st International Psycho Oncology Society Congress, Banff, Canada.

Carrion, I.V., Estapé, T., **Neelamegam, M.,** Roberts, J., & Estapé, J. (2019, April) Knowledge of Cancer Treatment Options among Older Latinos/As. Latino Social Work Organization (LSWO), Miami, FL.

Malavade, S., & **Neelamegam, M.** (2016, November) Sleep parameters and Major Adverse Cardiac Events (MACE) in Elderly Hispanics. American Public Health Association 2016 Annual Meeting, Denver, Colorado

Neelamegam, M., & Malavade, S. (2015, November) Impairment of Visual Acuity and Cognitive Function Details in Elderly Hispanics: Results from the Hispanic Established Population for Epidemiological Study of the Elderly (HEPESE), Wave 6, 2006-2007. American Public Health Association 2015 Annual Meeting, Chicago, Illinois

Neelamegam, M., Malavade, S., & Looi, I (2015, April) Factors Associated with Delay in Seeking Treatment by Patients with Acute Stroke: The National Neurology Registry (Nneur) of Malaysia. Population Association of America 2015 Annual Meeting, San Diego, California

POSTER PRESENTATIONS

Carrion, I.V., **Neelamegam, M.,** Roberts, J., (2020, November) Informing the Future: Cancer Prevention and Diagnosis Beliefs Among Older Latino Immigrants. The Gerontological Society of America' 2020 Annual Scientific Meeting (Virtual).

Chong, M.L., Rajasuriar, R., **Neelamegam, M.,** Kukreja, A., & Omar, S.F. (2020, October) Exploring Preference for Mental Health Screening and Interventions among People Living with HIV. Asia Pacific AIDS & Co-infections Conference (APACC) 2020 (Virtual)

Chong, M.L., Wong, P.L., Chang, C.Y., Kukreja, A., **Neelamegam, M.,** & Rajasuriar, R. (2020, July) Community Perspectives on Function and Quality of Life in People Living with HIV in Malaysia: Are We Measuring It Right? AIDS 2020 (Virtual)

Neelamegam, M., Rajasuriar, R., Kukreja, A., & Malavade, S. S. (2020, September) HIV-Associated Neurocognitive Disorder (HAND) in People Living with HIV In Malaysia: Results from the Malaysian HIV and Aging (MHIVA) Study. Accepted for presentation at the 19th International Congress on Infectious Diseases, Kuala Lumpur, Malaysia

Wong, P. L., Chong, M. L., Chang, C. Y., **Neelamegam, M.**, Kukreja, A., & Rajasuriar, R. (2020, September) Aging with Human Immunodeficiency Virus (HIV) in Malaysia: What Matters Most to the HIV Community? Accepted for presentation at the 19th International Congress on Infectious Diseases, Kuala Lumpur, Malaysia

Carrion, I.V., Estapé, T., **Neelamegam, M.**, Roberts, J., Estapé, J., (2019, September) Examining Cancer Prevention and Diagnosis Beliefs among Older Latinos in the Central Florida. 21st International Psycho Oncology Society Congress, Banff, Canada.

Neelamegam, M., Zgibor, J., Chen, H., O'Rourke, K., Bakour, C., & Anstey, K. (2018, August). The Effect of Medications with Anticholinergic Properties on Cognition: Results from the PATH Through Life Study. Gerontological Society of America Annual Meeting, Boston, MA

Perzanowski, C., Malavade, S., & **Neelamegam, M.** (2018, March) Interatrial Block as a Predictor of The Severity of Left Atrial Fibrosis in Persistent Atrial Fibrillation: A Pilot Study. American College of Cardiology Annual Meeting, Orlando, FL

Malavade, S., **Neelamegam, M.**, Rajaram, L., Izurieta, R., Whiteford, L., Unnasch, T., Aragon, M., & Minero, M.A. (2017, October) Source of Piped Drinking Water Supply and Soil Transmitted Helminth Infections (STHI) in School Children in El Salvador. IDWeek 2017, San Diego, California

Neelamegam, M., Malavade, S., Looi, I., Aziz, Z.A., & Sidek, N.N. (2017, September) Predicting Pneumonia in Acute Stroke Patients using the Glasgow Coma Scale Score. American College of Epidemiology Annual Conference, New Orleans, Louisiana

Le, N., Malavade, S., **Neelamegam, M.**, Hoare, I., Espinel, M., Ribadeneira, M. & Izurieta, R. (2016, August) Reemergence of Measles in the Americas: The Genotype B3 2011-2012 Outbreak in Ecuador. Florida Medical Association Annual Meeting 2016, Florida

Neelamegam, M., & Malavade, S. (2015, November) Severity of Cognitive Impairment, Fear of Falling and Risk of Falls on The Elderly: Results from the Hispanic Established Population for Epidemiological Study of The Elderly (HEPESE): 2004-2007. American Public Health Association 2015 Annual Meeting, Chicago, Illinois

Neelamegam, M., Malavade, S. & Schwartz, S. (2015, June) Sleep Quality and Cognitive Function Details in Elderly Hispanics: Results from the Hispanic Established Population for Epidemiological Study of the Elderly (HEPESE), Wave 6, 2006-2007. 29th Annual Meeting of the Associated Professional Sleep Societies (SLEEP 2015), Seattle, Washington

Neelamegam, M., Ramakrishnan, R. & Looi, I. (2013, July). Symptoms and Subtypes of Attention Deficit Hyperactivity Disorder (ADHD) in Penang, Malaysia. Florida Public Health Association Annual Education Conference. Orlando, Florida

Neelamegam M. (2013, February) Prevalence of Attention Deficit Hyperactivity Disorder in Penang, Malaysia. 22nd USF Health Research Day 2013, Tampa, Florida

Neelamegam M., & Looi, I. (2012, July) Stroke Incidence in the South West District of the Penang Island. Asia Pacific Clinical Epidemiology and Evidence Based Medicine Conference, Kuala Lumpur, Malaysia

Neelamegam, M., & Looi, I. (2011, October) Diurnal Variation in the Onset of Ischemic Stroke: National Stroke Registry, Malaysia. 22nd Annual Scientific Meeting of the Malaysian Society of Neurosciences, Kuala Terengganu, Malaysia

Neelamegam, M., & Looi, I. (2011, June) Demography, Severity and Associated Disabilities of Strokes in Balik Pulau Hospital, Penang. 5th National Conference for Clinical Research, Kuala Lumpur, Malaysia

Neelamegam, M., & Looi, I. (2011, May) Diurnal Variation in the Onset of Hemorrhagic Stroke: National Stroke Registry, Malaysia. 2nd Asia Pacific Stroke Conference, Colombo, Sri Lanka

AWARDS AND HONORS

Global Health Equity Scholar, Fogarty International Center, National Institutes of Health	2019
Phi Kappa Phi Dissertation Award	2018
Dissertation Completion Fellowship, University of South Florida	2017
College of Public Health Research Scholarship, University of South Florida	2017
Samuel P Bell III Scholarship, University of South Florida	2016
American Association of University Women (AAUW) International Fellowship	2016
Lee Leavengood Senior Programs Scholarship, University of South Florida	2015
Student Honorary Award for Research and Practice (SHARP), College of Public Health, University of South Florida	2015, 2016, 2017, 2018
USF Graduate Student Fellowship, University of South Florida	2014
Alumni Engagement Innovation Fund Award, U.S. Department of State	2013
Fulbright Graduate and Research Grant, U.S Department of State	2012
Malaysian Palm Oil Board Undergraduate Dissertation Fellowship	2001

CERTIFICATIONS

Certified in Public Health (CPH)	2014
Good Clinical Practice (GCP)	2007

PROFESSIONAL SERVICE ACTIVITIES

Coordinator Spotlight on Data: Sub-group of the UNAIDS Advisory Group on Science	2020
Ad-hoc Consultant United Nations University-International Institute for Global Health, Implementation Research Training in Low- and Middle-Income Countries	2020
Abstract Reviewer Aging Section & Epidemiology Section The American Public Health Association Annual Meetings	2015 - present
Abstract Reviewer Society of Epidemiologic Research Annual Meeting	2016 - 2019
Ad-hoc Reviewer Journal of Attention Disorders	2013 - present

MENTORING EXPERIENCE

MS Epidemiology students

Keanna Johnson
School of Public Health, University of North Texas Health Science
Center

Doctoral students

Mona Shaikh, & Joselyn Pang
Implementation Science Track
Faculty of Medicine, University of Malaya

Medical student

Teo Yik Pheng
Faculty of Medicine, University of Malaya

Pharmacy student

Ho Wen Ying
Faculty of Medicine, University of Malaya

MPH Students

Grace Liggett, Theresa Nguyen, Thomas Agrusti, & Nicole Des Champs
College of Public Health, University of South Florida

BSPH Student

Rumour Piepenbrink
College of Public Health, University of South Florida

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

International AIDS Society	2020 - present
Delta Omega Society	2018 - present
Gerontological Society of America	2018 - present
International Research Network on Dementia Prevention	2017 – present
Society for Epidemiologic Research	2016 - present
International Society to Advance Alzheimer’s Research and Treatment	2016 - present
American Public Health Association	2015 - present
Fulbright Alumni Association of Malaysia	2014 - present
The Honor Society of Phi Kappa Phi: Chapter 126	2013 - present
Fulbright Association: Mid Florida Chapter	2013 - 2019
