

Centre for Health Economics Research and Evaluation (CHERE)
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RESEARCH INTERESTS Health Economics | Labor Economics | Retirement | Applied Econometrics | Structural Estimation | Computational Methods

ACADEMIC POSITIONS **Research Fellow 2022-**
Centre for Health Economics Research and Evaluation (CHERE)
University of Technology Sydney

Research Fellow 2019-22
ARC Centre of Excellence in Population Ageing Research (CEPAR)
University of New South Wales, Sydney

EDUCATION **Georgia State University, USA**
Ph.D., Economics, June 2019

East Carolina University, USA
M.A., Mathematics and Statistics, July 2014
M.S., Applied and Resource Economics, July 2013

WORKING PAPERS
The Effect of changing the Medicare Eligibility Age on the Health of the Near-Retirement Population
Measuring Health in HRS dataset using Bayesian Approach
The Role of Labor Unions in Response to Pandemics: The case of COVID-19 (with Golnoush Rahimzadeh)
Labor Unions and Covid-19: Beyond the Workplace (with Golnoush Rahimzadeh)

REPORTS
Australian Health Care Homes trial: case study (World Health Organization; Organisation for Economic Co-operation and Development; Hall, Jane; Gool, Kees van; Haywood, Philip; Pearce, Jim; Mazevska, Deniza; Yu, Serena; Wright, Michael; Firouzi Naeim, Peyman. Geneva; World Health Organization; 2023.)

WORK IN PROGRESS
The Impact of Permanent vs Temporary Price Change in Healthcare (with Serena Yu)
Comparing Learning-by-doing and On-the-job-training Models of Human Capital Formation (with Michael Keane)
Gendered Employment Consequences of Caring Responsibilities (with Maryam Naghshnejad and David Johnstone)
Consistent Incorporation of Individual Level Characteristics into Models with Health Outcomes Measured at an Aggregate Level (with Tom Mroz and Phillip Gustafson)
The Effect of Cancer on Youth Education (with Maryam Naghshnejad)
Imputing Censored Binary Data Using Poisson-Binomial Distribution (with Golnoush Rahimzadeh)

GRANTS

Equity in use of medicines and healthcare: Towards greater protection for the vulnerable (with Serena Yu)

Digital Health CRC Limited, Evaluation of the WACHS Antimicrobial Stewardship decision support tool, \$377,918

SERVICE AND ADVISING

Dissertation Committees [Placements]

Solomon Ahimah-Agyakwah, PhD, University of Technology Sydney [ongoing]

Isaac Ponku, PhD, University of Technology Sydney [ongoing]

TEACHING EXPERIENCE

Instructor

Data Management using STATA (Graduate Level), 2023

Health Economics and Policy (Graduate Level), Spring 2018

Principles of Microeconomics, Summer 2018

Intermediate Algebra (5 Sections), Fall 2013 and Spring 2014

Teaching Assistant

Econometrics and Application

Econometrics

Intermediate Microeconomics

Intermediate Macroeconomics

Poverty and Public Policy

SOFTWARE SKILLS

Statistical Software:

Stata (& Mata) , SAS , R, Dynare (& Dynare++) , EViews , Excel

Numerical Analysis Software:

MATLAB, Mathematica, C++, GPU Computing (for NVIDIA CUDA-Enabled GPUs)

Operating Systems:

Linux (Ubuntu) , Microsoft Windows

Desktop Tools:

L^AT_EX, Microsoft Office

HONORS AND AWARDS

Outstanding Graduate Research Assistant Award, | Georgia State University (2019)

University Doctoral Fellowship, Second Century Initiative (2CI, Health Information Technology cluster) | Georgia State University (2015-19)

Tuition Waiver and Graduate Assistantship | Georgia State University (2014-15)

Tuition Waiver and Graduate Assistantship | Department of Mathematics, East Carolina University (2013-14)

Tuition Waiver and Graduate Assistantship | Department of Economics, East Carolina University (2012-13)

LANGUAGE SKILLS

Farsi (Native) , English (Fluent) , German (Intermediate)