

Isaac SIA, PhD

Principal Speech Therapist

Head, Speech Therapy Section

Qualification(s)

Doctor of Philosophy (Rehabilitation Science), University of Florida, USA

Master of Public Health (Biostatistics Concentration), University of Florida, USA

Bachelor of Science (1st Class Honours) (Speech Sciences), University College London, U.K.



Workgroups/Work Areas

Adults Acquired Communication Disorders and Swallowing Disorders

Specialty and Interest Areas

Swallowing Physiology and Dysphagia Management

Critical Thinking and Clinical Reasoning Development

Virtual Patients and Clinical Education

Healthcare Optimization

Evidence-Based Practice

Appointments

National Appointments

2018 – 2019: Member, Allied Health Professions Council Complaints Panel

2018 – 2019: Member, Allied Health Professions Council Panel of Chairmen for Disciplinary Tribunals

2018 – 2020: Chair, Singapore Ministry of Health Allied Health Panel for Speech Therapy Reporting to Chief Allied Health Officer

2016 – 2018: Chair, Singapore Ministry of Health Allied Health Panel for Speech Therapy Reporting to Director of Manpower Standards and Development

2006 – 2009: Member, Singapore Ministry of Health Speech Therapy Credential Evaluation Panel

2009: Member, Singapore Ministry of Health Allied Health Professional Regulation Focus Group

2009: Member, Singapore Ministry of Health National Allied Health Training Priority Workgroup

Professional Appointments

2006 – 2009: President, Speech-Language and Hearing Association Singapore (SHAS)

2007 – 2009: Team Leader, SHAS-Singapore International Foundation Speech Therapy Workshops in Cambodia

2008: Task Force Member, SHAS Position Paper on Supervision and Mentoring of Newly Qualified Practitioners

2007 – 2008: Member, SHAS Strategic Planning and Regulation Committee (SPaRC)

2006 – 2007: Member, Singapore Workforce Skills Qualifications System Framework for Therapy Assistants Workgroup

2002 – 2004: Member, SHAS Publications Committee and Co-Editor, Association Newsletter Tongue In Cheek!

Institutional Appointments

National University Health System

2016 – Current: Member, College of Health Professional Training Allied Health Workgroup Reporting to Director of Clinical Support Services

College of Public Health and Health Professions, University of Florida

2014: Student Representative - Council on Education for Public Health (CEPH) Site Visit for College Re-accreditation

2012 – 2014: Student Representative – Collaboration Committee

2012 – 2014: Program Representative – Graduate Student Council

2012 – 2013: Member, Graduate Student Council International Affairs Committee

National University of Singapore

2006 – 2009: Member, National University of Singapore MSc (Speech and Language Pathology) Training Committee

National Healthcare Group (Singapore)

Representative for Allied Health, National Healthcare Group Allied Health Professionals

Recruitment Trip to New South Wales, Australia (2008) and Hong Kong (2009)

2009: Scholarship Award Panel Member, National Healthcare Group Scholarships for MSc in Speech-Language Pathology

National University Hospital (Singapore)

2009: Member, National University Hospital Medical Centre Development First Impressions Team

2007 – 2009: Member, National University Hospital Signage Committee

Awards

Research Prizes

2015 UF Faculty in Aging - Leighton E. Cluff Award for Aging Research

2014 American Speech-Language-Hearing Foundation - Graduate Student Scholarship

2014 American Speech-Language-Hearing Association (ASHA) - Student Research Travel Award (SRTA) for Highest-Rated Student-Authored Paper in Academic and Clinical Education

2012 Dysphagia Research Society – Poster Award (Third Place)

2012 University of Florida College of Public Health and Health Professions – Public Health & Health Profession Collaboration Award

2011 University of Florida College of Public Health and Health Professions – Public Health & Health Profession Collaboration Award

2010 Florida Association of Speech-Language Pathologists & Audiologists (FLASHA) – 1st Place (Scientific Poster)

Honours

2014 Delta Omega Public Health Honorary Society (Beta Upsilon Chapter)

2011 Selection to represent University of Florida at the Florida International Leadership Conference

Academic Awards

2011 UF International Center - Outstanding Academic Achievement

Research Travel Awards

2015 University of Florida Office of Research - Graduate Student Travel Fund

2015 University of Florida Department of Speech, Language, and Hearing Science - Matching Fund

2014 University of Florida Office of Research - Graduate Student Travel Fund

2014 University of Florida Department of Speech, Language, and Hearing Science - Matching Fund

2012 University of Florida Graduate Student Council (GSC) - Student Travel Award (a)

2012 University of Florida Graduate Student Council (GSC) - Student Travel Award (b)

2010 University of Florida Graduate Student Council (GSC) - Student Travel Award

Training Awards

2009 – 2015: Singapore Ministry of Health Allied Health Postgraduate Scholarship - National University Hospital Talent Development Award

2007 National Healthcare Group Young Leaders Program

2006 National Healthcare Group Health Sciences Talent Management Program

2002 Singapore Ministry of Health - Health Manpower Development Program Health Sciences Skills

Certification Training Award

1996 – 2000: National University Hospital Undergraduate Scholarship in Speech Therapy

Service Awards

2006 Spring Singapore - Excellent Service Star Award

Grants

2016 NUHS Allied Health and Nursing Grant (Co-Investigator)

2001 National Healthcare Group Cluster Research Grant

Selected Publications and Presentations

Publications

Sia I, Halan S, Lok B, Crary MA (2016) Virtual Patient Simulation Training in Graduate Dysphagia Management Education – A Research-led Enhancement Targeting Development of Clinical Interviewing and Clinical Reasoning Skills. Perspectives of the ASHA Special Interest Groups SIG 13, Vol. 1(Part 3), 2016

Sia I, Carvajal P, Lacy AA, Carnaby-Mann GD, Crary MA (2014) Hyoid and Laryngeal Excursion Kinematics - Magnitude, Duration and Velocity - Changes Following Successful Exercise-Based Dysphagia Rehabilitation: MDTP. *Journal of Oral Rehabilitation* 42(5):331-9

Chen C, Sia I, Ma H-m, Tai BC, Cheong A, et al. (2014) The Synergistic Effect of Functional Status and Comorbidity Burden on Mortality: A 16-Year Survival Analysis. *PLoS ONE* 9(8): e106248. doi:10.1371/journal.pone.0106248

Crary MA, Carnaby GD, Sia I (2014) Spontaneous Swallow Frequency Compared to Clinical Screening in the Identification of Dysphagia in Acute Stroke. *Journal of Stroke and Cerebrovascular Diseases* 23(8): 2047–2053

Sia I, Carvajal P, Carnaby-Mann GD, Crary MA (2012) Measurement of Hyoid and Laryngeal Displacement in Video Fluoroscopic Swallowing Studies: Variability, Reliability, and Measurement Error. *Dysphagia* 27(2):192-7

Presentations

Halan S, Sia I, Miles A, Crary M, Lok B (2018) Engineering Social Agent Creation into an Opportunity for Interviewing and Interpersonal Skills Training. *AAMAS 2018 (International Conference on Autonomous Agents and Multiagent Systems)*

Sia I, Halan S, Lok B, Crary MA (2017) Using Virtual Patients to Develop Patient Interview Skills in Student Dysphagia Clinicians. *14th Asia Pacific Medical Education Conference (APMEC)*.

Sia I, McCulloch TM, Sheplak M, Kairalla J, Carnaby GD, Crary MA (2016) Pharyngeal Swallowing Power: Evaluating a Novel Measure of Deglutitive Bolus-Driving Function and its Relationship with Upper Esophageal Sphincter Function. *Dysphagia Research Society Annual Meeting*.

Sia I, Zhang Q, Carnaby GD, Crary MA (2014) Pharyngeal Acidity, Stroke Severity, Dysphagia, and Oral Intake. *Dysphagia Research Society Annual Meeting*.

Sia I, Carnaby-Mann GD, Crary MA (2013) Oral Pain and Dryness in Oral Morbidities in RT-Treated Head & Neck Cancer Patients: Impact & 3-Month Swallowing Outcome. *American Speech-Language-Hearing Association (ASHA) Convention*.