

**Curriculum Vitae**  
**Ting Fang Alvin Ang, M.D., MPH**  
**72 East Concord Street, Robinson Building B612, Boston, MA 02118-2307**  
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**Academic Training:**

5/2007 MBBS Yong Loo Lin School of Medicine, National University of Singapore; Medicine  
12/2012 GDOM Yong Loo Lin School of Medicine, National University of Singapore;  
Graduate Diploma in Occupational Medicine  
5/2016 MPH Boston University School of Public Health, Boston, MA; Master of Public Health

**Additional Training:**

6/2016-Present Research Fellow, Boston University School of Public Health, Department of  
Epidemiology  
6/2016-Present Research Fellow, Boston University School of Medicine, Framingham Heart Study

**Hospital Appointments or Other Employment:**

5/2007-8/2007 House Officer, Department of Orthopedic Surgery, Singapore General Hospital,  
Singapore  
9/2007-12/2007 House Officer, Department of Medicine, Singapore General Hospital, Singapore  
1/2008-4/2008 House Officer, Department of Obstetrics & Gynecology, KK Women's and Children's  
Hospital, Singapore  
5/2008-10/2008 Medical Officer, Department of Renal Medicine, Singapore General Hospital, Singapore  
11/2008-4/2009 Medical Officer, National Cancer Center, Singapore  
5/2009-8/2009 Medical Officer, Singapore Armed Forces, Singapore  
9/2009-4/2011 Resident Physician and Medical Officer, Singapore Armed Forces, Thailand  
5/2011-10/2011 Medical Officer, Department of Anesthesiology, Singapore  
11/2011-4/2012 Medical Officer, Department of Emergency Medicine, Singapore  
5/2012-7/2014 Resident Physician and Designated Workplace Doctor, Department of Medicine, Ng  
Teng Fong General Hospital, Singapore

**Honors:**

5/2016 Delta Omega Honor

**Licenses and Certification:**

5/2007-Present Registered Medical Practitioner, Singapore Medical Council, Singapore  
5/2007-4/2015 Basic Cardiac Life Support, American Heart Association  
5/2007-4/2014 Advanced Cardiac Life Support, American Heart Association  
5/2009-4/2013 Advanced Trauma Life Support, American College of Surgeons  
12/2012-Present Designated workplace doctor, Ministry of Manpower, Singapore  
5/2013-Present Medical Examiner of Divers, Diving Medical Accreditation Council

**Teaching Experience and Responsibilities:**

9/2016-12/2017 Teaching Assistant for Prof. Jacqueline Milton, Boston University School of Public  
Health, Boston, MA  
9/2015-5/2016 Grader for Prof. Lisa Sullivan, Boston University School of Public Health, Boston, MA

**Major Mentoring Activities:**

Ph.D. students

- 2017-Present Erica Appleman, Pre-clinical markers of Parkinson's disease, Clinical Psy. Ph.D program, Boston University
- 2017-Present Monica Kim, M.A. Longitudinal blood pressure measures and cognition, Clinical Psy. Ph.D program, Boston University

B.A./B.S./M.A./M.S./MPH

- 2017-Present Jessica Ng, 4<sup>th</sup> year medical student, Impact of traumatic brain injury in brain aging and dementia, Framingham Heart Study - a retrospective review methodology, Neurocognitive performance and depression following traumatic brain injury in Framingham Heart Study, Boston University
- 2017-Present Ty Sweeney, 2<sup>nd</sup> year medical student, Precursors and prognosis of traumatic brain injury in Framingham Heart Study, Neurocognitive performance and depression following traumatic brain injury in Framingham Heart Study, Boston University
- 2017-Present Xue Liu, M.S., MPH, Precursors and prognosis of traumatic brain injury in Framingham Heart Study, Neuropathological findings of Framingham Heart Study participants, Boston University
- 2016-2017 Haares Mirzan, 3<sup>rd</sup> year medical student, Lifetime inflammation burden and its impact on cognition, Boston University
- 2017 Halina Yee, 2<sup>nd</sup> year medical student, Impact of traumatic brain injury in brain aging and dementia, Boston University
- 2017 Narmien Haddad, 2<sup>nd</sup> year medical student, Impact of traumatic brain injury in brain aging and dementia, Boston University
- 2016-2017 Melvyn Okeke, MPH, Neurocognitive performance and depression following traumatic brain injury in Framingham Heart Study, Boston University
- 2015-2017 Alanna Raskin, MPH, Aging Well Institute, Boston University
- 2016-Present Byran Rogers, B.S. sophomore, Aging Well Institute, Boston University
- 2016-2017 Radhi Patel, B.S., Aging Well Institute, Boston University
- 2016 Clara Burr-Lonnon, B.S. senior, Aging Well Institute, Boston University
- 2015-2016 Kaeden McClintock, B.S., Cognitive Effects of Traumatic Brain Injury Assessed with the Digital Clock Drawing Test at the Framingham Heart Study, University of Massachusetts at Amherst
- 2015-2016 Joshua Bourque, B.S., Socio-Demographic Analysis of the Prevalence of Traumatic Brain Injury at the Framingham Study, University of Massachusetts at Amherst

International Visiting Scholars

- 2017-Present Jin Yang, M.S. in Medical Science
- 2017-Present Huitong (Harry) Ding, Ph.D. candidate in Computer Science and Technology
- 2017 Yan Wang, M.D.

**Major Administrative Responsibilities:**

- 2016-Present Data Manager/Analyst, Boston University School of Public Health, Department of Epidemiology. Oversees the data management of the FHS neuropsychological research group and facilitate data-sharing with external research organizations
- 2016-2017 Acting Chief-of-Staff, Aging Well Institute, Boston University School of Public Health, Boston, MA

**Other Professional Activities:**

**Professional Societies: Memberships, Offices, and Committee Assignments:**

- 2007-Present Member, Singapore Medical Association, Singapore
- 2016-Present Delta Omega, Honorary Society of Public Health

**Editorial Boards:**

2017-Present Reviewer, Journal of International Neuropsychological Society  
 2018-Present Reviewer, Anesthesia & Analgesia  
 2018-Present Reviewer, PLOS One

**Other Support:****Current:**

7/2016-6/2018 R21 HD089088 (Au/McClean/Grafman), PI: Rhoda Au, Impact of traumatic brain injury on brain aging and dementia Total Cost: \$150,000  
 Role: Research Fellow  
 12/2016-11/2021 R01 AG054156 (Stein/Ryu/Au), PI: Thor Stein, Epigenetic changes in synaptic and inflammation Genes Involved in the Age-Dependent Development of Alzheimer's Disease Pathologies and Cognitive Decline Total Cost: \$648,000  
 Role: Research Fellow

**Past:**

9/2016-6/2017 DARPA Signorini/Au/Glass PI: Alessio Signorini, Identifying Novel Markers from Spoken Language Processing Total Cost: \$668,480  
 Role: Research Fellow  
 11/2016-2017 Pfizer, Inc, PI: Rhoda Au, Precision Monitoring of Preclinical and Clinical Alzheimer's Disease: Framingham Study of Cognitive Epidemiology Total Cost: \$2,477,477  
 Role: Research Fellow

**Conference Presentations:****International:**

July 22, 2018 Sex Differences in Neuropsychological Measures in the Framingham Heart Study, Alzheimer's Association International Conference in Chicago

**Bibliography:****Original, Peer Reviewed Articles:**

1. Y. H., **Ang, T. F. A.**, Chiang, T. C., & Kaplan, W. A. (2016). Growing concerns and controversies to Taiwan's National Health Insurance—what are the lessons from mainland China, South Korea and Singapore? The International journal of health planning and management.
2. Tao, Q.,\* **Ang, T. F. A.**,\* DeCarli, C., Auerbach, S., Devine, S., Zhang, X., Massaro, J., Au, R., Qiu, Q. W., Chronic low-grade inflammation increases the risk of Alzheimer's disease only in ApoE4 carriers in the Framingham Heart Study population (under review)
3. Ferretti, M. T.,\* **Ang, T. F. A.**,\* Massaro, J., Devine, S., Auerbach, S., Au, R., Sex Differences in Neuropsychological Measures in the Framingham Heart Study, Alzheimer's & Dementia (in preparation)
4. **Ang, T. F. A.**, Sweeney, T. E., Massaro, J., D'Agostino, R. B., Wolf, P. A., Devine, S., Auerbach, S., Mez, J., Kiliany, R., McKee, A. C., Stern, R. A., Au, R., Alosco M. L., It's All About Age: Framingham Illuminates the Extent that Popular Cardiovascular Risk Scores Add to the Prediction of Alzheimer's Disease Dementia (in preparation)

\*Shared first author

**Case Reports, Reviews, Chapters, and Editorials:****Textbook Chapters:**

1. Au, R, Piers, R., **Ang, T. F. A.**, Neurocognitive disorder and cognitive decline. In: 16th edition of the Maxcy-Rosenau-Last Public Health and Preventive Medicine textbook (Under review)
2. Au, R, **Ang, T. F. A.**, Mora Simon, S. P., Joshi, P., Vascular Risk Factors and their Relationship to Brain Aging: Findings from the Framingham Heart Study (in preparation)