

Curriculum Vitae Part I

PERSONAL DATA

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EDUCATION

Year	Degree	Institution	Location
2021	Postdoctoral Research Fellow	Johns Hopkins Wilmer Eye Institute	Baltimore, USA
2015	Master of Public Health (MPH)	Johns Hopkins Bloomberg School of Public Health	Baltimore, USA
2013	Residency training: Master of Surgery in Ophthalmology (MS)	Sri Ramachandra University	Chennai, India
2009	Medical School: Bachelor of Medicine and Surgery (MBBS)	Sri Ramachandra University	Chennai, India

PROFESSIONAL EXPERIENCE

Year	Position	Institution	Location
2022	Research Associate	Disability Health Research Center, Johns Hopkins School of Nursing	Baltimore, USA
2021	Research program Manager	Johns Hopkins Wilmer Eye Institute	Baltimore, USA

HONORS AND AWARDS

2021	Career Impact Award, Horizons by Hopkins, Johns Hopkins University
2021	First place at poster competition, Research on Aging Showcase, Johns Hopkins Public Health School
2019	Outstanding podium presentation, Wilmer Research Meeting
2019	Winner of the MIT Poster Award Competition in Clinical Epidemiology, ARVO
2019	Third place at poster competition, Research on Aging Showcase, Johns Hopkins Public Health School
2018	Winner of the Excellence in Diversity Poster Symposium, Johns Hopkins
2018	Outstanding poster award, Wilmer Research Meeting
2015	Elected Director of Education, Diaspora Health Network
2014	Elected Master of Public Health Class Centennial Representative
2013	Top ranked graduating resident in ophthalmology for clinical and academic performance, Sri Ramachandra University

RESEARCH

Sponsored Research Projects

2021-2022 Dementia and sensory impairment: Economic consequences for patients and caregivers, Principal Investigator, funded by the Hopkins' Economics of Alzheimer's Disease & Services (HEADS) Center, \$25,000

Un-sponsored Research Projects

Disparities in healthcare access for people with disabilities
Aging trajectories for older adults with vision impairment
Vision impairment and Food Insecurity

SCHOLARSHIP

Publications (* indicates data-based citation)

Peer Reviewed Journal Articles

1. *Jessica Campanile J, Cerilli C, **Varadaraj V**, Sweeney F, Smith J, Zhu J, Yenokyan G Swenor BK. Accessibility and Disability Inclusion Among Top-Funded U.S. Undergraduate Institutions. *Plos One*. (Nov 2022)
2. *Kumar P, Campanile J, Swenor BK, **Varadaraj V**. Stigma among older adults with age-related vision impairment. *Journal of Visual Impairment & Blindness*. (Oct 2022)
3. *Kumar P, Brinson J, Wang J, Samuel LJ, Swenor BK, Scott AW, **Varadaraj V**. Self-Reported Vision Impairment and Food Insecurity in the US: National Health Interview Survey, 2011-2018. *Ophthalmic Epidemiology*. (Oct 2022)
4. *Samuel LJ, Xiao E, Cerilli C, Sweeney F, Campanile J, Milki N, Smith J, Zhu J, Yenokyan G, Gherman A, **Varadaraj V**, Swenor BK. The development of the Supplemental Nutrition Assistance Program enrollment accessibility (SNAP-Access) score. *Disability and Health Journal*. (Aug 2022)
5. ***Varadaraj V**, Wahl M, Gajwani P, David, Dutson M, Zhao D, Guallar E, Swenor BK, Johnson TV, Friedman DS. Outcomes and revenue generation of a community-based screening at a center in the United States: The SToP Glaucoma Program. *Journal of Glaucoma*. (Jul 2022)
6. *Mgboji GE, **Varadaraj V**, Thanitcul C, Canner JK, Woreta FA, Soiberman US, Srikumaran. Deep anterior lamellar keratoplasty and penetrating keratoplasty for keratoconus: A claims-based analysis. *Cornea*. (May 2022)
7. *Morales EEG, Lin H, Suen JJ, **Varadaraj V**, Lin FL, Reed NS. Labor Force Participation and Hearing Loss Among Adults in the United States: Evidence from the National Health and Nutrition Examination Survey. *American Journal of Audiology*. (May 2022)
8. *Jo G, Habib D, **Varadaraj V**, Smith J, Epstein S, Zhu J, Yenokyan G, Ayers K, Swenor BK. COVID-19 Vaccine Website Accessibility Dashboard. *Disability and Health Journal*. (Apr 2022)
9. ***Varadaraj V**, Guo X, Reed NS, Smith K, Boland MV, Nanayakkara AJ, Swenor BK. Identifying accessibility requests for patients with disabilities through an Electronic Health Record-based questionnaire. *JAMA Network Open*. (Apr 2022)
10. *Gil A, Hernández CS, **Varadaraj V**, Lim D, Dave SR, Lage E. Predicting subjective refraction with dynamic retinal image quality analysis. *Scientific Reports*. (Mar 2022)
11. *Nagarajan N, **Varadaraj V**, Chanes-Mora P, Rosenblum LP, Swenor BK. Concerns on healthcare access, utilization, and safety due to COVID-19 among American adults with vision loss. *Disability and Health Journal*. (Feb 2022)
12. ***Varadaraj V**, Deal JA, Campanile J, Reed NS, Swenor BK. National Prevalence of disability and disability types among adults in the United States, 2019. *JAMA Network Open*. (Oct 2021)

13. *Nagarajan N, Assi L, **Varadaraj V**, Motaghi Mina, Sun Y, Couser E, Ehrlich JR, Whitson H Heather, Swenor, BK. Vision Impairment and Cognitive Decline Among Older Adults: A Systematic Review. *BMJ Open*. (Oct 2021)
14. ***Varadaraj V**, Munoz, Deal JA, An Y, Albert MS, Resnick SM, Ferrucci L, Swenor BK. Association between vision impairment and cognitive decline across multiple domains in older adults. *JAMA Network Open*. (Jul 2021)
15. ***Varadaraj V**, Swiatek KS, Chung SE, Ehrlich JR, Assi L, Wolff JL, Swenor BK. Caring for Older Adults with Self-Reported Vision Impairment: Findings from the National Study of Caregiving. *American Journal of Ophthalmology*. (Jul 2021)
16. *Joseph S, **Varadaraj V**, Dave SR, E Lag, D Lim, K Aziz, S Dudgeon, TD Ravilla, DS Friedman. A low-cost, portable, autorefractor provides well-tolerated eyeglass prescriptions: a randomized controlled trial. *Ophthalmology*. (Jun 2021)
17. *Thanitcul C, **Varadaraj V**, Canner JK, Woreta FA, Soiberman US, Srikumaran D. Predictors of Receiving Keratoplasty for Keratoconus. *American Journal of Ophthalmology*. (May 2021)
18. *Epstein S, Cerilli C, Campanile J, Gajwani P, **Varadaraj V**, Swenor BK. New obstacles and widening gaps: A qualitative study of the effects of the COVID-19 pandemic on U.S. adults with disabilities. *Disability and Health Journal*. (Mar 2021)
19. *Plum W, **Varadaraj V**, Dosto N, Thompson S, Gajwani P, Friedman DS. Evaluation of a Portable Wavefront Aberrometer for Community Screening Refraction in the Elderly. *Optometry and Vision Science* (Feb 2021)
20. *Vu TA, Fenwick EF, Gan AT, Man RE, Tan BK, Gupta P, Ho T, Reyes-Ortiz CA, Trompet S, Gussekloo J, O'Brien JM, Mueller-Schotte S, Wong TY, Tham YC, Cheng CY, Lee A, Rait G, Swenor BK, **Varadaraj V**, Brenowitz WD, Medeiros FA, Elyashiv S, Narasimhalu K, Lamoureux EL. The bidirectional relationship between vision and cognition: A systematic review and meta-analysis. *Ophthalmology* (Dec 2020)
21. *Thanitcul C, Mathews P, Woreta FA, Akpek EK, **Varadaraj V**, Srikumaran D. Surgeon Preference for Keratoplasty Techniques and Barriers to Performing Deep Anterior Lamellar Keratoplasty. *Cornea* (Dec 2020)
22. ***Varadaraj V**, Assi L, Gajwani P, Wahl M, David J, Swenor BK, Ehrlich JR. Evaluation of Tablet-Based Tests of Visual Acuity and Contrast Sensitivity in Older Adults. *Ophthalmic Epidemiology* (Nov 2020)
23. *Assi L, **Varadaraj V**, Shakarchi AF, Reed N, Sheehan OC, Ehrlich JR, BK Swenor. Self-Reported Preventive Care Services Uptake by Vision Impairment Status. *JAMA Ophthalmology* (Oct 2020)
24. ***Varadaraj V**, Chung S, Swiatek KS, Sheehan OC, Deemer A, Ehrlich JR, Wolff JL, Assi L, Roth DL, Swenor BK. Caring for Older Adults with Vision Impairment and Dementia: Data from the National Study of Caregiving. *Innovation in Aging* (Sept 2020)
25. ***Varadaraj V**, Munoz B, Simonsick EM, Swenor BK. Vision Impairment and Participation in Cognitively Stimulating Activities: The Health ABC Study. *The Journals of Gerontology: Series A* (July 2020)
26. *Tan BKJ, Man REK, Gan ATL, Fenwick EK, Gupta P, **Varadaraj V**, Swenor BK, Wong TY, Lamoureux EL. Is Sensory Loss a Risk Factor for Frailty? A Systematic Review and Meta-Analysis. *The Journals of Gerontology: Series A* (July 2020)
27. *Mihailovic A, **Varadaraj V**, Ramulu PY, Friedman DS. Evaluating Goldmann applanation tonometry intraocular pressure measurement agreement between ophthalmic technicians and physicians. *American Journal of Ophthalmology* (July 2020)
28. *Tom LM, Srinivasan K, **Varadaraj V**, Palaniswamy K, Raman G, Ramulu PY, Venkatesh R, Zebardast N. Corneal Endothelium Changes after Laser Peripheral Iridotomy: Prospective Study. *Ophthalmology Glaucoma* (May 2020)
29. *Plum W, Chen X, **Varadaraj V**, Srikumaran D, Sikder S, Woreta W. Pharmacologic pupillary constriction after dilated clinical exam for ectopia lentis to prevent further subluxation. *American Journal of Ophthalmology Case Reports* (Apr 2020)

30. *Lee MJ, **Varadaraj V**, Tian J, Bandeen-Roche K, Swenor BK. The Association between Frailty and Uncorrected Refractive Error in Older Adults. *Ophthalmic Epidemiology* (Jan 2020)
31. ***Varadaraj V**, Wang Y, Reed NS, Deal JA, Lin FR, Swenor BK. Trends in Employment by Dual Sensory Impairment Status. *JAMA Ophthalmology* (Dec 2019)
32. ***Varadaraj V**, Lee MJ, Tian J, Ramulu PY, Bandeen-Roche K, Swenor BK. Near vision impairment and Frailty: Evidence of an association. *American Journal of Ophthalmology* (Nov 2019)
33. *Swenor BK, Lee MJ, Tian J, **Varadaraj V**, Bandeen-Roche K. Visual impairment and frailty: examining an understudied relationship. *The Journals of Gerontology: Series A* (Aug 2019)
34. *Swenor BK, Lee MJ, **Varadaraj V**, Whitson HE, Ramulu PY. Aging with Vision Loss: A Framework for Assessing the Impact of Visual Impairment on Older Adults. *The Gerontologist* (Aug 2019)
35. ***Varadaraj V**, Woreta F, Stoeger CG, Tran KD, Jorgenson R, Srikumaran D. Surgeon Preference for Endothelial Keratoplasty Techniques. *Cornea* (Aug 2019)
36. ***Varadaraj V**, Friedman DS, Boland MV. Association of an electronic health record–linked glaucoma medical reminder with patient satisfaction. *JAMA Ophthalmology* (Mar 2019)
37. ***Varadaraj V**, Frick KD, Saaddine JB, Friedman DS, Swenor BK. Trends in Eye Care Use and Eyeglasses Affordability: The US National Health Interview Survey, 2008-2016. *JAMA Ophthalmology* (Jan 2019)
38. *Lee MJ, **Varadaraj V**, Ramulu PY, Whitson HE, Deal JA, Swenor BK. Memory and Confusion Complaints in Visually Impaired Older Adults: An Understudied Aspect of Well-Being. *Gerontology and Geriatric Medicine* (Jan 2019)
39. *Swenor BK, Wang J, **Varadaraj V**, Rosano C, Yaffe K, Albert M, Simonsick EM. Vision impairment and cognitive outcomes in older adults: the health ABC study. *The Journals of Gerontology: Series A*. (Oct 2018)
40. ***Varadaraj V**, Ranjit A, Nwadiuko J, Canner J, Diener-West M, Schneider EB, Thyagarajan SP, Shrestha R, Nagarajan N. Towards diaspora-driven research capacity strengthening in low-and middle-income countries: results from India and Nepal. *International Health* (Oct 2018)
41. ***Varadaraj V**, Munoz B, Karaoui M, Collins ME, Aljasim LA, Al Naji E, Hamweyah K, Al Shamrani M, Craven ER, Friedman DS. Effect of Chloral Hydrate Sedation on Intraocular Pressure in a Pediatric Population. *American Journal of Ophthalmology* (Oct 2018)
42. *Karaoui M, **Varadaraj V**, Munoz B, Collins ME, Aljasim LA, Al Naji E, Hamweyah K, Al Shamrani M, Craven ER, Friedman DS. Chloral hydrate administered by a dedicated sedation service can be used safely and effectively for pediatric ophthalmic examination. *American Journal of Ophthalmology* (Aug 2018)
43. ***Varadaraj V**, Vardhan A, Mudie LI, LaBarre S, Ong Y, Wang B, Sherrod C, Friedman DS. Uncontrolled hypertension is common in glaucoma clinics. *American Journal of Hypertension* (Jul 2018)
44. *Mudie LI, **Varadaraj V**, Gajwani P, Munoz B, Ramulu P, Lin FR, Swenor BK, Friedman DS, Zebardast N. Dual sensory impairment: The association between glaucomatous vision loss and hearing impairment and function. *PloS one* (Jul 2018)
45. *Lee YH, Chen AX, **Varadaraj V**, Hong GH, Chen Y, Friedman DS, Stein JD, Kourgialis N, Ehrlich JR. Comparison of Access to Eye Care Appointments Between Patients with Medicaid and Those with Private Health Care Insurance. *JAMA Ophthalmology* (Jun 2018)
46. *Daniel L, Vaishnavi R, **Varadaraj V**, Preethi K. Clinical profile and treatment outcome of lower motor neuron facial nerve palsy in a university teaching hospital in South India. *Journal of Evolution of Medical and Dental Sciences* (May 2018)
47. ***Varadaraj V**, Kahook MY, Ramulu PY, Pitha IF. Patient acceptance of sustained glaucoma treatment strategies. *Journal of Glaucoma* (Apr 2018)
48. *Annadanam A, **Varadaraj V**, Mudie LI, Liu A, Plum WG, White JK, Collins ME, Friedman DS. Comparison of self-refraction using a simple device, USee, with manifest refraction in adults. *PloS one* (Feb 2018)

49. ***Varadaraj V**, Lesche S, Ramulu PY, Swenor BK. Reading speed and reading comprehension in age-related macular degeneration. *American Journal of Ophthalmology* (Feb 2018)
50. *Gajwani P, **Varadaraj V**, Plum W, Zhao D, Johnson E, Dosto N, Thompson S, Guallar E, Kanwar N, Friedman DS, Mudie LI. Autorefraction-based prescription and mailed delivery of eyeglasses. *Ophthalmology* (Jan 2018)
51. ***Varadaraj V**, Ramulu PY, Srinivasan K, Venkatesh R. Evaluation of Angle Closure as a Risk Factor for Reduced Corneal Endothelial Cell Density. In Reply to commentary. *Journal of Glaucoma* (Jan 2018)
52. *Zhao D, Guallar E, Gajwani P, Swenor B, Crews J, Saaddine J, Mudie L, **Varadaraj V**, Friedman DS, Kanwar N, Sosa-Ebert A. Optimizing glaucoma screening in high-risk population: Design and 1-year findings of the screening to prevent (SToP) glaucoma study. *American Journal of Ophthalmology* (Aug 2017)
53. ***Varadaraj V**, Mihailovic A, Ehrenkranz R, Lesche S, Ramulu PY, Swenor BK. Gait Characteristics of Age-Related Macular Degeneration Patients. *Translational Vision Science & Technology* (Jul 2017)
54. ***Varadaraj V**, Sengupta S, Palaniswamy K, Srinivasan K, Kader MA, Raman G, Reddy S, Ramulu PY, Venkatesh R. Evaluation of angle closure as a risk factor for reduced corneal endothelial cell density. *Journal of glaucoma* (Jun 2017)
55. *Swenor BK, **Varadaraj V**, Dave P, West SK, Rubin GS, Ramulu PY. Impact of the ability to divide attention on reading performance in glaucoma. *Investigative Ophthalmology & Visual Science* (May 2017)
56. *Chawla SS, Khanal S, Ghimire P, Nagarajan N, Gupta S, **Varadaraj V**, Nwomeh BC, Kushner AL. Musculoskeletal disease in Nepal: A countrywide cross-sectional survey on burden and surgical access. *International Journal of Surgery* (Oct 2016)
57. *Mudie LI, LaBarre S, **Varadaraj V**, Karakus S, Onnela J, Munoz B, Friedman DS. The Icare HOME (TA022) study: performance of an intraocular pressure measuring device for self-tonometry by glaucoma patients. *Ophthalmology* (Aug 2016)
58. *Boeck MA, Nagarajan N, Gupta S, **Varadaraj V**, Groen RS, Shrestha S, Gurung S, Kushner AL, Nwomeh B, Swaroop M. Assessing access to surgical care in Nepal via a cross-sectional, countrywide survey. *Surgery* (Aug 2016)
59. *Nagarajan N, Gupta S, Shrestha S, **Varadaraj V**, Devkota S, Ranjit A, Kushner AL, Nwomeh BC. Unmet surgical needs in children: a household survey in Nepal. *Pediatric Surgery International* (Apr 2015)

Non-Peer Reviewed Journal Articles

1. **Varadaraj V**, Ehrlich JR, Swenor, BK. Vision Impairment Has Implications on Aging and Health Outcomes, Beyond Ophthalmology. *JAMA Network Open*. (May 2022)
2. Nwadiuko J, **Varadaraj V**, Ranjit A. International medical graduates—a critical component of the global health workforce. *JAMA* (Feb 2018)
3. Nagarajan N, **Varadaraj V**. Helping meet surgical needs in under-resourced settings: the role of task shifting. *JAMA Surgery* (Jul 2015)

Book Chapters

1. Cicinelli MV, Buchan JC, Nicholson M, **Varadaraj V**, Khanna R. Cataracts. *The Lancet*. (Accepted Sep 2022)
2. **Varadaraj V**, Friedman DS, Swenor BK. "Low Vision, Disability, and Blindness". In: Albert and Jakobiec's Principles and Practices of Ophthalmology, 4th Edition, Daniel Albert, Joan Miller, Dimitri Azar and Lucy H. Young, Editors. Philadelphia: *Saunders Elsevier*. (June 2021).
3. **Varadaraj V**, Khanna RC, Congdon N. Innovative approaches in the delivery of primary and secondary eye care (Book Chapter on Cataract: Pages 107-125). *Springer International Publishing* (Jan 2019)

Conference Meetings/Presentations

International

- 2022 **Varadaraj V**, Vision impairment and Dementia: Economic hardships for patients and caregivers, Association for Research in Vision and Ophthalmology, Denver, USA, (Oral)
- 2021 **Varadaraj V**, Post-cataract surgery health outcomes in frail older patients, Association for Research in Vision and Ophthalmology, Online, (Poster)
- 2020 **Varadaraj V**, Vision impairment and participation in cognitively stimulating activities, Association for Research in Vision and Ophthalmology, Online, (Poster)
- 2019 **Varadaraj V**, An unhappy patient with multifocal intraocular lens implants
The Foster Ocular Immunology Society, Vancouver, Canada, (Oral)
- 2019 **Varadaraj V**, Near vision impairment and Frailty: Evidence of an association, Association for Research in Vision and Ophthalmology, Vancouver, Canada, (Poster)
- 2018 **Varadaraj V**, Trends in eyecare access and affordability: The National Health Interview Survey (NHIS) 2008–2016, Association for Research in Vision and Ophthalmology, Hawaii, USA, (Oral)
- 2017 **Varadaraj V**, Gait characteristics of age-related macular degeneration patients, Association for Research in Vision and Ophthalmology, Baltimore, USA, (Poster)
- 2016 **Varadaraj V**, Evaluation of angle closure as a risk factor for reduced corneal endothelial cell density, Association for Research in Vision and Ophthalmology, Seattle, (Poster)
- 2016 **Varadaraj V**, Diaspora-driven efforts to build biomedical research capacity in low and middle-income countries: A Pilot Program in India, Consortium of Universities for Global Health, San Francisco, (Poster)
- 2012 **Varadaraj V**, Cavernous hemangioma of the retina, International Symposium of Ophthalmology, Hong Kong, (Poster)

National

- 2022 **Varadaraj V**, Racial disparities in the association between vision impairment and food insecurity in the US, The Gerontological Society of America's Annual Scientific Meeting, Indianapolis, USA, (Symposium- Invited Speaker)
- 2022 **Varadaraj V**, Dementia and vision impairment: Economic consequences for patients and caregivers, NHATS/NSOC Dementia Caregiving Conference, Ann Arbor, USA, (Poster)
- 2021 **Varadaraj V**, Vision Measures in Aging Cohorts: Gaps and Opportunities, The Gerontological Society of America's Annual Scientific Meeting, Online, (Symposium- Invited Speaker)
- 2020 **Varadaraj V**, Caring for Older Adults with Vision Impairment and Dementia: Data from the National Study of Caregiving, The Gerontological Society of America's Annual Scientific Meeting, Online, (Oral)
- 2019 **Varadaraj V**, Impact of corneal fluorescein staining on reading speed, Sonoma Eye conference, Sonoma, USA (Poster)
- 2018 **Varadaraj V**, Trends in eyecare access and affordability: The National Health Interview Survey 2008–2016, Society for Epidemiologic Research, Baltimore, USA (Poster)
- 2016 **Varadaraj V**, Perceptions of Research in the Biomedical Community in Low and Middle-Income Countries: Pre and Post Conduction of a Research Seminar and Workshop, Academy Health, Boston, (Poster)

- 2013 **Varadaraj V**, Unilateral 3rd & 6th cranial nerve palsies resulting from an ossifying chondrosarcoma of the skull base, Asia-Pacific Academy of Ophthalmology Congress & All India Ophthalmological Society, Hyderabad, India, (Poster)
- 2013 **Varadaraj V**, Horner Syndrome- post excision of mediastinal schwannoma, Asia-Pacific Academy of Ophthalmology Congress & All India Ophthalmological Society, Hyderabad, India, (Poster)
- 2012 **Varadaraj V**, Crystal Clear Corneal Graft- The bare minimum, All India Ophthalmological Society, Cochin, India, (Paper)
- 2011 **Varadaraj V**, Treatment of blepharitis using povidone iodine & diluted baby shampoo—a comparative study, All India Ophthalmological Society, Ahmedabad, India, (Poster)

Regional

- 2012 **Varadaraj V**, Chondrosarcoma of the skull base causing unilateral 3rd & 6th cranial nerve palsies, Tamil Nadu Ophthalmic Association, Tiruchirapalli, India, (Poster)
- 2012 **Varadaraj V**, Horner Syndrome following excision of a Mediastinal Schwannoma, Tamil Nadu Ophthalmic Association, Tiruchirapalli, India, (Poster)
- 2012 **Varadaraj V**, NO! to free cataract surgery- reasons unveiled, Tamil Nadu Ophthalmic Association, Tiruchirapalli, India, (Paper)
- 2011 **Varadaraj V**, Bacterial contamination of ophthalmic solutions used in an extended care facility, Tamil Nadu Ophthalmic Association, Tirunelveli, India, (Paper)

Local

- 2022 **Varadaraj V**, Caring for Older Adults with Vision Impairment, Wilmer Research Meeting, Baltimore, USA (Oral)
- 2021 **Varadaraj V**, Caring for Older Adults with Vision Impairment and Dementia, Research on Aging Showcase, Johns Hopkins, Baltimore, USA, (Poster)
- 2019 **Varadaraj V**, Near vision impairment and Frailty: Evidence of an association, Wilmer Research Meeting, Baltimore, USA, (Oral)
- 2019 **Varadaraj V**, Barriers to Adoption of Membrane Endothelial Keratoplasty, Wilmer Research Meeting, Baltimore, USA, (Poster)
- 2019 **Varadaraj V**, Near vision impairment and Frailty: Evidence of an association, Research on Aging Showcase, Johns Hopkins, Baltimore, USA, (Poster)
- 2018 **Varadaraj V**, Trends in eyecare access and affordability: The National Health Interview Survey 2008–2016, Wilmer Research Meeting, Baltimore, USA, (Poster)
- 2018 **Varadaraj V**, Trends in eyecare access and affordability: The National Health Interview Survey 2008–2016, Johns Hopkins Postdoctoral Retreat, Baltimore, USA, (Poster)
- 2018 **Varadaraj V**, Trends in eyecare access and affordability: The National Health Interview Survey 2008–2016, Excellence in Diversity Symposium, Johns Hopkins, Baltimore, USA, (Poster)
- 2017 **Varadaraj V**, Evaluation of automated, telecommunication-based medication dosing reminders linked to an electronic health record, Johns Hopkins University's Global mHealth Initiative, Baltimore, USA, (Oral)
- 2017 **Varadaraj V**, Gait Characteristics of Age-Related Macular Degeneration Patients, Wilmer Research Meeting, Baltimore, USA, (Oral)
- 2017 **Varadaraj V**, Gait Characteristics of Age-Related Macular Degeneration Patients, Annual Research on Aging Showcase, Johns Hopkins, Baltimore, USA, (Poster)
- 2015 **Varadaraj V**, Analysis of corneal endothelium: Specular Microscopy results in Primary Angle Closure Glaucoma, Wilmer Research Meeting, Baltimore, USA, (Poster)

- 2011 **Varadaraj V**, Spreading awareness on Eye Banking, National Eye Donation Fortnight Meet, Sri Ramachandra University, Chennai, India, (Oral)
- 2011 **Varadaraj V**, Ocular Manifestations of Hansen's Disease, CME on Leprosy, Sri Ramachandra University, Chennai, India, (Oral)
- 2010 **Varadaraj V**, Procedure of Eye Donation, National Eye Donation Fortnight Meet, Sri Ramachandra University, Chennai, India, (Oral)

Other

Patient Education Module

- 2016 Angle Closure Glaucoma, American Glaucoma Society

Workshops/Seminars

- 2015 *Co-creator and Organizer*, Research seminar and workshop
Developed and organized a seminar and workshop for residents and medical students at two institutions in India and Nepal, utilizing diaspora health professionals to understand research needs and build biomedical research capacity in low- and middle-income countries
- 2012, *Co-creator and Organizer*, Eye donation awareness fortnight
2011 Developed and organized a seminar for trainees and community members at Sri Ramachandra Hospital to increase awareness on eye donation and dispel misplaced religious and cultural beliefs around eye donation

EDITORIAL ACTIVITIES

Editorial Board Memberships

- 2022-Present Associate Editor, Frontiers in Epidemiology, Aging and Life-course Epidemiology section

Proposal Review Activities

External to School of Nursing

- 2022 External Reviewer, University of Michigan Kellogg Eye Center, Internal pilot program for collaborative grants

Peer Review Activities

- 2019-Present Manuscript Reviewer, Ophthalmology Glaucoma
- 2019-Present Manuscript Reviewer, Ophthalmic Epidemiology
- 2018-Present Manuscript Reviewer, Ophthalmology
- 2018-Present Manuscript Reviewer, JAMA Ophthalmology
- 2018-Present Manuscript Reviewer, American Journal of Ophthalmology
- 2018-Present Manuscript Reviewer, British Journal of Ophthalmology
- 2018-Present Manuscript Reviewer, Cornea
- 2018-Present Manuscript Reviewer, International Health
- 2018-Present Manuscript Reviewer, British Medical Journal Open
- 2018-Present Manuscript Reviewer, Gerontology and Geriatric Medicine
- 2018-Present Manuscript Reviewer, Journal of Gerontology: Biological Sciences

2018-Present Manuscript Reviewer, PLOS ONE

PROFESSIONAL ACTIVITIES

Association Memberships and Leaderships

2020-Present Member, Gerontological Society of America (GSA)
2018-Present Member, Association for Women in Science (AWIS)
2018-2020 Member, American Glaucoma Society (AGS)
2016-Present Member, Association for Research in Vision and Ophthalmology (ARVO)
2015-Present Co- Director of Research, Diaspora Health Network (DHN)
2014-2015 Co- founder & Secretary, Student Interest in Vision and Eye Health (SIVEH)
2010-Present Member, Tamil Nadu Ophthalmic Association (TNOA)

**Curriculum Vitae
Part II**

MENTORING AND ADVISEMENT

Student Adviseement

2021-2022	3 Medical Students, 2 postdoctoral students
2020-2021	3 Medical Students, 2 postdoctoral students
2019-2020	3 Medical Students, 2 Master of Public Health Students
2018-2019	3 Medical Students, 2 Master of Public Health Students
2017-2016	3 Medical Students, 2 Master of Public Health Students