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EDUCATION:

1983 Pre-degree Certificate: St. Joseph's College, Calicut, India
1989 M.B.,B.S. (Medical Degree): St. Johns Medical College, India
1994 M.R.C.P.I. (Medicine): Royal College of Physicians of Ireland
2001 M.S. with Distinction (Clinical Research Methods): AECOM, NY

POST-GRADUATE TRAINING:

1988 – 1989: Intern, St Johns Medical College Hospital, Bangalore, India
1990 – 1991: Resident Medical Officer, Baby Memorial Hospital, Calicut, India
1991 –1992: Junior House Officer (Medicine), Vale of Leven Hospital, Scotland
1992 –1994: Senior House Officer (Medicine), Princess Royal Hospital, U.K.
1994 – 1995: Registrar (Neurology), St James University Hospital, Leeds, U.K.
1995 – 1997: Resident (Neurology), AECOM, Bronx, NY
1997 – 1998: Chief Resident (Neurology), AECOM, Bronx, NY
1998 – 1999: Fellow (Aging & Dementia), AECOM, Bronx, NY
1998 – 1999: Fellow (Neurophysiology), AECOM, Bronx, NY

PROFESSIONAL EMPLOYMENT AND HOSPITAL APPOINTMENTS:

1999 - 2000: Clinical Research Fellow, AECOM
2000 - 2005: Assistant Professor of Neurology, AECOM
2005 - 2010: Associate Professor of Neurology, AECOM
2005 - 2010: Gertrude and Louis Feil Faculty Scholar in Neurology, AECOM

2000 - Present: Attending Physician (Neurology), Montefiore Medical Center
2008 – Present: Director, Division of Cognitive & Motor Aging, Dept of Neurology
2010 – Present: Professor of Neurology, AECOM
2010 – Present: Murray D Gross Memorial Faculty Scholar in Gerontology

LICENSURE AND BOARD CERTIFICATION:

1999 - Present: New York State License Registration
1999 - 2019: American Board of Neurology and Psychiatry Certification

PROFESSIONAL SOCIETY MEMBERSHIP:

1995- Present	American Academy of Neurology, Member (1995), Fellow (2006) Member, Geriatric Neurology section (2005 -) Member, Geriatric Neurology Science Working Group (2009)
1999- Present	American Geriatrics Society, Member (1999), Fellow (2010) Research subcommittee (2003), NIA subcommittee (2007 - present)
2006 – Present	Member, National Clinical Research Forum
2007 – Present	Member, Gerontological Society of America
2009 – Present	Member, American Neurological Association

AWARDS AND HONORS:

1987	Dr H.J. Metha Prize for the best Undergraduate Research Project, St. Johns Medical College, India
1987	Cardinal Gracias Medical Ethics Essay Prize, St. Johns Medical College, India
1999	Annual Meeting Scholarship, American Academy of Neurology
2000	Best poster presentation, Association of Indian Neurologists
2000	Travel Bursary, World Congress of Neurology
2000	Presidential Poster Session nomination, American Geriatrics Society
2001	M.S. with Distinction, Albert Einstein College of Medicine, NY
2004	Paul B. Beeson Award in Aging, National Institute on Aging
2005	Two papers selected among most Influential Papers in Neurology in the past decade, <i>Annals of Internal Medicine</i> (142: 28-36, 2005)
2005	Henry L Moses Clinical Research Prize, Montefiore Medical Center
2005	Outstanding Scientific Achievement for Clinical Investigation Award, American Geriatrics Society
2005	Gertrude and Louis Feil Faculty Scholar in Neurology
2009	Top reviewer, Annals of Internal Medicine
2009	Elected to membership of the American Neurological Association
2009	‘Most Valuable Professional’ Physician-scientist award, Men’s Division, AECOM
2009	Fulbright Specialist, Bureau of Educational and Cultural Affairs, US Dept of State
2010	Fulbright-Nehru Award, Council for International Exchange of Scholars
2010	‘Mentor of the year,’ Clinical Research Training Program, AECOM

OTHER PROFESSIONAL ACTIVITIES:

Organizing Committees/Symposium Organization (international/national):

2003	Symposium chair, World Vascular Dementia Congress, Prague
2004	Symposium chair. Parkinson’s disease & Mental dysfunction conference, Salzburg
2006	Organizing committee, International Gait & Mental Function Congress, Madrid
2006	Organizing committee/speaker, NIH clinical research career symposium, Chicago
2007	Speaker/ organizing committee, NIA workshop: “Thinking, Moving, and Feeling.”
2007	Scientific committee, Beeson meeting, Amer. Fed. of Aging Research, San Diego
2008	Organizing committee, 2 nd International Gait & Mental Function Congress, Amsterdam

- 2008 Symposium chair, Gerontological Society of America annual meeting, Maryland
- 2009 Symposium chair, 19th IAGG World Congress of Gerontology & Geriatrics, Paris
- 2009 Symposium chair, Gerontological Society of America annual meeting, Atlanta
- 2010 Organizing committee, 3rd Gait & Mental Function Congress, Washington DC
- 2010 Organizing committee, NIA workshop: Sensory and Motor Dysfunction in Aging & Alzheimer's Disease.
- 2011 Symposium chair, World Vascular Dementia Congress, Riga, Latvia

NIH Review:

- 2003 NIA special emphasis panel ZAG1 Z1J-8(O1): Teaching Nursing Homes
- 2004 NIA special emphasis panel ZAG1 Z1J-8 (M1): Teaching Nursing Homes
- 2006 NIA special emphasis panel ZAG1 Z1J-9 (M1): Beeson Award
- 2007 Reviewer, NIA Roybal Center - ORCATECH
- 2007 Claude D Pepper centers mid-cycle review, NIA
- 2008 Special Emphasis Panel, ZAG1-ZIJ-8 O1: Recovery from illness
- 2009 NIA special emphasis panel ZRG1 BDA-C: Aging gracefully
- 2007- Present NIH Loan Repayment program
- 2007- Present Member, Aging Systems & Geriatrics study section, CSR/NIH
Ad hoc (2007 - 2008), Regular (2008 - Present)

Other Review Activities (national/international):

- 2003 Alzheimer Association research review panel
- 2005 Wellcome Trust U.K. research review panel
- 2006 United States-Israel Binational Science Foundation, Grant Reviewer
- 2008 Masters thesis reviewer (Mina Lee), University of Sydney, Australia
- 2008 – Present Medical Research Council, United Kingdom, review panel
- 2009 – Present Catalan Agency for Health Technology Assessment and Research Grants
- 2009 Grants program, Biomedical Research Council, Singapore

Ad Hoc Reviewer for medical journals (past three years):

New England Journal of Medicine; Lancet Neurology; JAMA; Journal of the American Geriatrics Society; Neurology; Annals of Internal Medicine (ranked in top 30% of all reviewers in 2008/2009), Annals of Neurology; Hypertension; Journal of Geriatric Psychiatry & Neurology; Journal of Gerontology, Journal of Neurology, Neurosurgery & Psychiatry, Neuroepidemiology, Archives of Physical Medicine & Rehabilitation, McMaster Online Rating of Evidence System

Editorial Board:

Live Medical Journal

Yeshiva University Academic Activities:

- 2001 - Present Director, Learning & Memory module, Nervous System & Human Behavior Course, AECOM
- 2002 – 2003 Thesis Committee (G La Ruffa), Geropsychology doctoral program
Ferkauf School of Psychology, Yeshiva University, NY

2003 - 2004	Thesis Committee (D Spiegel), Masters Degree Program In Clinical Research Methods
2007 – 2012	Mentor (R Holtzer), Beeson Career Award, NIH
2007 – 2008	Thesis Committee (Y Goldin), Geropsychology doctoral program, Ferkauf School of Psychology, Yeshiva University, NY
2007 – 2009	Thesis Committee (S Friedman), Geropsychology doctoral program, Ferkauf School of Psychology, Yeshiva University, NY
2007 – 2009	Thesis Committee (S Krohn), Geropsychology doctoral program, Ferkauf School of Psychology, Yeshiva University, NY
2009 – 2012	Thesis Committee (D Freidman), Geropsychology doctoral program, Ferkauf School of Psychology, Yeshiva University, NY
2009 - 2012	Mentor (M Oh-Park), CTSA career development award, AECOM
2009 - 2011	Mentor (T Brandler), MS degree program, CRTP, AECOM
2010 - 2012	Mentor (A Tow), Clinical PhD program, AECOM

Major Committee Assignments (AECOM):

1999 – 2008	Neurophysiology Fellowship Training Program, Dept of Neurology
2002 – 2004	Advisory board, Institute for Medical Effectiveness Research
2004 - Present	Member, Education Committee, Department of Neurology
2004 - Present	Member, Residency Selection Committee, Department of Neurology
2010 – Present	member, Academic Affairs committee, Department of Neurology
2006	Advisory Committee, AECOM Research Strategic Plan
2004 – 2007	General Clinical Research Center Advisory Committee
2004 - Present	AECOM Senate member
2006 – Present	Associate Professor Promotion Committee, subcommittee chair.
2007 - Present	Scientific Advisory Review Council & Protocol Review Committee, Institute for Clinical & Translational Research, AECOM
2008 - Present	AECOM Conflict of Interest committee
2009 – Present	Advisor, Einstein Proteomics Research Center
2010	Geriatric section chief search committee, Montefiore Medical Center
2009-2010	Dean’s reappointment Senate Advisory Committee
2010-	Medical Student Admission Committee (clinical investigator track)
2011-	Rehabilitation medicine Chair search committee

Major Committee Assignments (non-AECOM):

2007 - 2008	Advisory council, The Merrin Institute, DOROT, NY.
2009	Geriatric review syllabus 7 th edition faculty, American Geriatrics Society
2008 - 2009	Research panel, Journal of the American Medical Association
2008 – Present	Scientific advisor, Baby Memorial Hospital, Calicut, India
2008 – Present	Geriatric Neurology special interest group, Am. Academy of Neurology
2007 – Present	American Geriatrics Society NIA subcommittee
2007 – Present	External Advisory committee, Pepper Center, University of Pittsburgh
2010	Medicare Detection of Cognitive Impairment Workgroup, Alzheimer’s Association.
2011	External advisor, Hebrew SeniorLife Institute for Aging Research, Harvard University

RESEARCH SUPPORT:

Current:

2011 - 2016

Title: Kerala-Einstein Study: Healthy lifestyle, vascular disease, and cognitive decline

Type: R01AG039330-01

Role: Principal Investigator

Award amount: \$300,000 direct per year

Agency: National Institute on Aging, Fogarty Institute

Aim: Examine risk factors for cognitive decline in the southern Indian state of Kerala.

2004 – 2016

Title: Einstein Aging Study (PO1 AG03949)

Roles: Principal Investigator (Project 2, 2011), Core Leader (Clinical Core, 2004-)

Award amount: \$8 million direct

Director: Richard B. Lipton, M.D.

Agency: National Institute on Aging

Aims: Project 2 focuses on the role of simple and complex locomotion in cognitive decline.

EAS received a score on the 9th percentile, and is awaiting funding decision from NIH.

2009 - 2015

Title: Lifestyle Interventions and Independence For Elders (LIFE) Study

Type: U01AG022376

Role: Co-investigator (PI: Marco Pahor, MD)

Agency: National Institute on Aging

Award amount: \$64.4 million.

Aims: Phase 3 16 site RCT to provide definitive evidence that physical activity prevents or delays the onset of disability, including mobility disability, in older persons. My role is on the cognitive committee that examines effects of the intervention on cognition.

2011 - 2016

Title: Cognitive Control of Mobility

Type: R01AG036921-01A1

Role: Investigator (PI: R Holtzer, PhD)

Award amount: \$500,000 direct per year

Agency: National Institute on Aging

Aim: To examine the effects of executive control and fatigue on the maintenance of mobility and risk of mobility disability in older adults and their underlying brain substrates.

2007- 2012

Title: Paul B Beeson Career Development Award in Aging

Type: K23AG024848

Role: Mentor (PI: Roe Holtzer, PhD, AECOM)

Agency: National Institute of Aging, American Federation for Aging Research

2009 - 2013

Title: Fear of Falling in Community-residing Older Adults
Type: Clinical & Translational Science Award (CTSA) Career development award
Role: Mentor (PI: MooYeon Oh-Pak, M.D., AECOM)

2007 - 2012

Title: Brain anatomical correlates of mobility control in the oldest old
Type: RO1 AGO29232
Role: Consultant (PI: C Rosano, MD, University of Pittsburgh)
Agency: National Institute on Aging.

Completed Research Support:

2000- 2001

Title: Validation of Hopkins Verbal Learning Test.
Role: Investigator.
Sponsor: Bristol-Myers Squibb Pharmaceuticals, NJ.

2002 - 2004

Title: Mentored Clinical Research Scholar Program (K-12 RR1767201).
Role: Principal Investigator (75% effort).
Program Director: Harry Shamoan, M.D.
Agency: National Center for Research Resources

2004 – 2007

Title: Paul B. Beeson Award in Aging
Type: K23 AG024848.
Role: Principal Investigator
Agency: National Institute on Aging

2007-2009

Title: Frailty genotypes
Role: Principal Investigator (Co-PI: N Barzilai).
Agency: American federation for Aging research.

2008

Title: “Thinking, Moving, Feeling” Fifth Bedside-to-Bench research conference
Role: Co-PI (PI: Stephanie Studenski, MD, University of Pittsburgh)
Agency: NIH R13 conference grant

2007-2009

Title: “Cognitive effects of bilingualism in normal elderly individuals”
Role: Mentor (PI: Amy Sanders, MD)
Agency: Resnick Pilot Grant Award Program in Aging-Related Research

2008-2010

Title: “Bilingualism and cognitive decline in the elderly” Loan repayment program
Role: Mentor (PI: Amy Sanders, MD)

Agency: National Institute on Aging

2008 - 2010

Title: Kerala-Einstein Study: Risk factors for cognitive decline.

Type: R21AG029799

Role: Principal Investigator

Agency: National Institute on Aging, Fogarty Institute

2006-2010

Title: GeriEd Program

Role: Co-Principal Investigator (PI: Laurie Jacobs, MD< Montefiore)

Agency: The Donald W. Reynolds Foundation

Award amount: \$800,000

Aims: The GeriEd is a comprehensive and innovative program designed to strengthen knowledge and skills in Geriatrics for practicing physicians, primary care residents, and medical students.

2009-2011

Title: Motor sensory integration in aging

Role: Mentor (PI: J Mahoney)

Agency: Resnick Pilot Grant Award Program, AECOM

2005 – 2010

Title: Latent Mobility Abnormalities & Frailty

Type: RO1 AG025119

Role: Principal Investigator.

Agency: National Institute on Aging

Award amount: \$1.1 million direct

Aims: To identify latent mobility abnormalities in response to physical and cognitive stressors in nondisabled older adults as markers of frailty and predictors of disability.

INVITED PRESENTATIONS:

International:

2003 Speaker, "Gait Disorders and Dementia." World Vascular Dementia Congress, Prague

2004 Speaker, Parkinson's disease & Mental dysfunction conference, Salzburg, Austria

2005 Plenary session speaker, "Prevention of Dementia." Outstanding Scientific Achievement for Clinical Investigation Award lecture, American Geriatrics Society

2005 Visiting Professor, "Dementia," Baby Memorial Hospital, Calicut, India

2005 Plenary session, "Gait & Cognition." World Vascular Dementia Congress, Porto, Portugal

2006 Speaker, "Gait impairment and prediction of dementia." International Gait and Mental Function Congress, Madrid, Spain

2006 Keynote speaker, Expert Meeting on Dementia, Spanish Neurological Society, Madrid

- 2007 Speaker, Controversies in vascular cognitive impairment, International Stroke Association annual meeting, San Francisco, USA
- 2008 Keynote speaker/ visiting professor, Gait & Mental health conference series Dept of Geriatrics and Neurology, University of Western Ontario, Canada
- 2008 Speaker, International Gait and Mental Function Congress, Amsterdam, Netherlands
- 2008 Speaker/Visiting Professor, Department of Neurology, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, India
- 2008 Speaker, Gait symposium, Gerontological Society of America annual meeting
- 2008 Speaker, Conference update, American Geriatrics Society annual meeting
- 2009 Speaker, 19th IAGG World Congress of Gerontology & Geriatrics, Paris, France
- 2009 Keynote Speaker, 2nd ‘Translations cortico-motrices, French Geriatrics Society
- 2009 Speaker, International Conference on Alzheimer's disease, Vienna, Austria
- 2010 Speaker, WHO-CC dementia symposium, Tohoku Medical Society, Sendai, Japan
- 2010 Speaker, 3rd Gait & Mental Function Congress, Washington
- 2011 Speaker, 7th Vascular dementia congress, Latvia

National and Regional (selected from over 80 presentations):

- 2000 Speaker, Dementia Symposium, NY Academy of Medicine
- 2001 Speaker, “Screening for Memory Impairment.” NY Academy of Medicine, NY
- 2003 Speaker, Pepper Center Grand Rounds, Winston-Salem, NC
- 2003 Speaker, Dementia Symposium, The Greens, Wilton, CT
- 2003 Speaker, Dementia Symposium, The Greens, Greenwich, CT
- 2003 Speaker, Neurology Grand Rounds, Cooper Union Hospital, Camden, NJ
- 2004 Speaker, Beeson Annual meeting, Park City, UT
- 2004 Keynote speaker, Dementia Symposium, CT State Neurological Association, CT
- 2005 Speaker, Montefiore Medical Center Health Promotion day, Bronx
- 2005 Speaker, Rehabilitation Medicine Grand Rounds, Mt. Sinai Med. Ctr, NY
- 2005 Speaker, MCI symposium, The Wien Center, Mt Sinai Med. Ctr., Miami Beach, FL
- 2005 Keynote Speaker, Partnerships in Aging Conference, Indianapolis, IN
- 2005 Keynote Speaker, Connecticut Geriatric Society,
- 2005 Speaker, Neurology grand Rounds, Mayo Clinic, Jacksonville, FL
- 2005 Keynote Speaker, Geriatrics Fellows Graduation, Parker Geriatric Institute, LI
- 2006 Invited panelist, NIH symposium on clinical research, Chicago, IL
- 2006 Speaker, “Gait & Cognition.” Psychiatry Grand Rounds, Mt. Sinai Medical Center.
- 2006 Visiting Professor, “Gait & Cognition.” Dept of Aging, U of Florida, Gainesville.
- 2006 Visiting Professor, “Gait & Cognition.” “Assessing gait” UPMC, Pittsburgh
- 2006 Speaker, Neurology Grand Rounds. St Luke Roosevelt Hospital, NY
- 2006 Visiting Professor, Neurology Grand Rounds. SUNY Medical School, Brooklyn
- 2007 Speaker, Neurology Grand Rounds, Beth Israel Medical Center, NY
- 2007 Visiting Professor, Alzheimer Center, Univ. of Wisconsin, Madison, WI
- 2007 Keynote Speaker, MCI, University of Toledo, OH
- 2008 Speaker, Grand Rounds, Easton Hospital, PA
- 2009 Keynote speaker, Men’s Division golf outing, AECOM
- 2009 Keynote speaker, McKnight Brain Institute, Gainesville, FL
- 2009 Symposium chair, Resilience in aging, Gerontological Society of America, Atlanta
- 2010 Speaker, MCI symposium, American Geriatrics Society, FL

- 2010 Plenary speaker, Alzheimer disease symposium, ADRC San Diego
 2011 Speaker, Neurology grand rounds, Mt Sinai Medical Center

BIBLIOGRAPHY

A. Original Communications in Peer Reviewed Journals: (* indicates senior author.)

1. Mathew R, **Verghese J**, Venkatraman B V, Joseph T. Effects of inhalation of insecticide spray on learning and memory in rats. **Indian Journal of Experimental Biology**, 27: 258-260. 1989.
2. **Verghese J**, Ambrose AF. Autoimmune thyroiditis and Pulmonary fibrosis in a case of Myasthenia Gravis. **Muscle & Nerve**, 18: 1350-1351. 1995.
3. **Verghese J**, Kachroo A, Sparr SA. Herpes Zoster Ophthalmicus mimicking carotid artery dissection. **Headache**, 37: 663-664. 1997.
4. **Verghese J**. The snake that bit the hand that fed it. **Muscle & Nerve**, 21: 259. 1998.
5. **Verghese J**, Morocz I. Unilateral deafness: case report and review. **Journal of Otolaryngology**, 28: 362-364. 1999.
6. **Verghese J**, Milling C, Rosenbaum D. Ptosis, Blepharospasm and Apraxia of Eyelid Opening secondary to Putaminal hemorrhage. **Neurology**, 53: 652. 1999.
7. **Verghese J**, Merino J. Temazepam overdose associated with bullous eruptions. **Academic Emergency Medicine**; 10:1071. 1998.
8. **Verghese J**, Crystal HA, Dickson DW, Lipton RB. Validity of clinical criteria in Dementia with Lewy bodies. **Neurology**; 53: 1974-1982. 1999.
9. **Verghese J**, Goldberg R, Desnick R, Grace ME, Goldman J, Lee S, Dickson DW, Rapin I. Myoclonus due to focal Dentate Nucleus destruction in type 3 Gauchers disease. **Archives of Neurology**; 57: 389-395. 2000.
10. **Verghese J**, Galanapoulou A, Herskovitz S. Autonomic dysfunction in Carpal Tunnel Syndrome. **Muscle & Nerve**, 23: 1209-1213. 2000.
11. **Verghese J**, Kuslansky G, Katz M, Sliwinski, M, Crystal HA, Buschke, H, Lipton, RB. Cognitive performance in surgically menopausal women on estrogen. **Neurology**, 55, 872-874. 2000.
12. **Verghese J**, Bieri P, Gellido C, Schaumburg H, Herskovitz S. Peripheral neuropathy in young-old and old-old patients. **Muscle & Nerve**; 24: 1476-81. 2001.
13. *Marantz A, **Verghese J**. Capgras Syndrome in dementia with Lewy bodies. **Journal of Geriatric Psychiatry & Neurology**; 15: 239-241. 2002.
14. **Verghese J**, Buschke H, Viola LC, Katz MJ, Hall C, Kuslansky G, Lipton RB. Validity of divided attention tasks in predicting falls in older individuals - a preliminary study. **Journal of the American Geriatrics Society**; 50:1752-1756. 2002.
15. **Verghese J**, Weidenheim K, Malik S, Rapin I. Adult Onset Pigmentary Orthochromatic Leukodystrophy With Ovarian Dysgenesis. **European Journal of Neurology**; 9: 663-670. 2002.
16. **Verghese J**, Lipton RB, Katz MJ, Hall CB, Kuslansky G, Buschke H. Abnormality of gait as a predictor Of Non-Alzheimer's Dementia. **New England Journal of Medicine**; 347: 1760-1767. 2002.
17. **Verghese J**, Buschke H, Dickson DW, Kuslansky G, Katz MJ, Weidenheim K, Lipton RB. Antemortem memory impairment screen performance predicts postmortem

- Alzheimer pathology. **Journal of the American Geriatrics Society**, 51: 1043-1045. 2003.
18. Lipton RB, Katz MJ, Kuslansky G, Sliwinski MJ, Stewart WF, **Vergheese J**, Crystal HA, Buschke H. Screening for Dementia by Telephone Using the Memory Impairment Screen. **Journal of the American Geriatrics Society**; 51:1382-1390. 2003.
 19. **Vergheese J**, Lipton RB, Katz MJ, Hall CB, Kuslansky G, Derby CA, Ambrose AF, Sliwinski M, Buschke H. Leisure activities and the risk of dementia in the elderly. **New England Journal of Medicine**; 348: 2508-2516. 2003. [Editorial: Coyle JT. Use it or lose it - do effortful mental activities protect against dementia? N Engl J Med 2003; 348:2489-2490]
 20. **Vergheese J**, Lipton RB, Hall CB, Kuslansky G, Katz MJ. Low blood pressure and the risk of dementia in very old individuals. **Neurology**; 61: 1667-1672. 2003.
 21. Kuslansky G, Katz M, **Vergheese J**, Hall CB, Lapuerta P, LaRuffa G, Lipton RB. Detecting dementia with the Hopkins Verbal Learning Test and the Mini-Mental State Examination. **Archives of Clinical Neuropsychology**; 19: 89-104. 2004.
 22. **Vergheese J**, Lipton RB, Dickson DW, Crystal HA. A Clinicopathological Study of Rest Tremors in The Elderly. **Journal of the American Geriatrics Society**; 52: 1781-1783, 2004.
 23. **Vergheese J**, Katz M, Derby CA, Kuslansky G, Hall CB, Lipton RB. Reliability And Validity Of A Telephone-Based Mobility Assessment Questionnaire. **Age Ageing** 33(6):628-32, 2004.
 24. * Kwon PS, **Vergheese J**. Walking while talking; a dopamine responsive test in early Parkinson's disease. **Journal of the American Geriatrics Society** 53:735-737, 2005.
 25. Wang D-S, Lipton RB, Katz MJ, Davies P, Buschke H, Kuslansky G, **Vergheese J**, Younkin SG, Eckman C, Dickson D. Decreased neprilysin immunoreactivity in Alzheimer's disease, but not in pathological aging. **Journal of Neuropathology & Experimental Neurology** 5: 378-385, 2005.
 26. Hall CB, **Vergheese J**, Sliwinski M, Chen Z, Katz M, Derby C, Lipton RB. Dementia Incidence May Increase More Slowly After Age 90: Results from the Bronx Aging Study. **Neurology** 65: 882-886, 2005.
 27. **Vergheese J**, Levalley A, Hall CB, Katz M, Ambrose AF, Lipton RB. Epidemiology of gait disorders in community residing older adults. **Journal of the American Geriatrics Society** 54: 255-261, 2006. PMID: PMC1403740
 28. **Vergheese J**, LeValley A, Derby C, Kuslansky G, Katz M, Hall C, Buschke H, Lipton RB. Leisure Activities And The Risk of Amnesic Mild Cognitive Impairment In The Elderly. **Neurology** 2006; 66:821-827. [Editorial: Rundek T, Bennett DA. Cognitive leisure activities, but not watching TV, for future brain benefits. Neurology. 66:794-5, 2006.] PMID: PMC1415273
 29. Holtzer R, **Vergheese J**, Xue X, Lipton R. Cognitive processes related to gait velocity: Results from the Einstein Aging Study. **Neuropsychology** 20: 215-223, 2006.
 30. * Krishnamurthy M, **Vergheese J**. Gait Characteristics in Nondisabled Community-residing Nonagenarians. **Archives of Physical Medicine & Rehabilitation** 87: 541-545, 2006. PMID: PMC1913186
 31. Saunders-Pullman R, Lipton RB, Senthil G, Katz M, Costan-Toth C, Derby C, Bressman S, **Vergheese J**, Ozelius LJ. Increased frequency of the LRRK2 G2019S

- mutation in an elderly Ashkenazi Jewish population is not associated with dementia. **Neuroscience Letters**, 402:92-96, 2006.
32. Buschke H, Sliwinski M, Kuslansky G, **Verghese J**, Lipton RB. Retention Weighted Recall Improves Discrimination of Alzheimer Disease. **Journal of the International Neuropsychological Society** 12: 436-440, 2006.
 33. * Blumenthal S, Herskovitz S, **Verghese J**. Carpal tunnel syndrome in older adults. **Muscle Nerve** 34: 78-83, 2006. PMID: PMC1482734
 34. **Verghese J**. Cognitive And Mobility Profile Of Older Social Dancers. **Journal of the American Geriatrics Society** 54: 1241-1244, 2006. PMID: PMC1550765
 35. Sliwinski M, Stawski RS, Hall CB, Katz M, **Verghese J**, Lipton RB. Distinguishing pre-terminal and terminal cognitive decline. **European Psychologist**, 11: 172-181, 2006.
 36. * Ambrose AF, LeValley A, **Verghese J**. A Comparison of Community-residing Older Adults with Frontal and Parkinsonian Gaits. **Journal of Neurological Sciences** 248 (1-2): 215-218, 2006.
 37. **Verghese J**, Kuslansky G, Holtzer R, Katz M, Xue X, Buschke H, Pahor M. Walking While Talking: Effect Of Task Prioritization In The Elderly. **Archives of Physical Medicine & Rehabilitation** 88: 50-53, 2006.
 38. * Robbins M, **Verghese J**. Acute Painless Progressive Quadriplegia Associated With Warfarin Use. **Journal of the American Geriatrics Society** 55: 799-800, 2007.
 39. * Holtzer R, Friedman R, Lipton RB, Katz M, Xue X, **Verghese J**. The relationship between specific cognitive functions and falls in the aging. **Neuropsychology** 21(5):540-8, 2007.
 40. **Verghese J**, Wang C, Holtzer R, Lipton R, Xue. Quantitative Gait Dysfunction And Risk of Cognitive Decline and Dementia. **Journal of Neurology, Neurosurgery & Psychiatry** 78: 929-935, 2007. PMID: PMC1995159
 41. Hall CB, Derby C, LeValley AJ, Katz MJ, **Verghese J**, Lipton RB. Education delays accelerated decline on a memory test in persons who develop dementia. **Neurology** 69(17):1657-64, 2007.
 42. **Verghese J**, Derby C, Katz M, Lipton R. High Risk Neurological Gait Syndrome And Vascular Dementia. **Journal of Neural Transmission** 114(10):1249-52, 2007.
 43. **Verghese J**, Wang C, Xue X, Holtzer R. Self Reported Difficulty In Climbing Up Or Down Stairs in Nondisabled Elderly. **Archives of Physical Medicine & Rehabilitation** 89(1):100-4, 2008. PMID: PMC2671033
 44. McGinn AP, Kaplan RC, **Verghese J**, LaCroix AZ, Rosenbaum DM, Psaty BM, Baird AE, Lynch JK, Wolf PA, Kooperberg C, Larson JC, Wassertheil-Smoller S. Walking Speed And Risk Of Incident Ischemic Stroke Among Postmenopausal Women. **Stroke** 39: 1233-1239, 2008.
 45. Zimmerman ME, Pan JW, Hetherington HP, Katz MJ, **Verghese J**, Buschke H, Derby CA, Lipton RB. Hippocampal Neurochemistry, Neuromorphometry, and Verbal Memory in Nondemented Older Adults. **Neurology**, 70:1594-1600, 2008. PMID: PMC2735229
 46. **Verghese J**, Robbins M, Holtzer R, Zimmerman M, Wang C, Xue X, Lipton RB. Gait Dysfunction In Mild Cognitive Impairment Syndromes. **Journal of the American Geriatrics Society**, 56:1244–1251, 2008. PMID: PMC2574944

47. Holtzer R, **Vergheese J**, Wang C, Hall C, Lipton R. Within person across neuropsychological domain variability predicts incident dementia. **JAMA** 300:823-30, 2008. PMID: PMC2736784
48. * Sanders A, Holtzer R, Lipton RB, Hall C, **Vergheese J**. Egocentric and Exocentric Navigation Skills in Older Adults. **Journal of Gerontology: Medical Sciences**, 63(12):1356-63, 2008. PMID: PMC2673537
49. **Vergheese J**, Wang C, Katz MJ, Sanders A, Lipton RB. Leisure Activities And Risk of Vascular Cognitive Impairment In Older Adults. **Journal of Geriatric Psychiatry & Neurology**, 22: 110-8, 2009. PMID: PMC2692877
50. **Vergheese J**, Holtzer R, Lipton R, Wang C. Quantitative Gait Markers And Risk of Incident Falls in Older Adults. **Journal of Gerontology: Medical Sciences**, 64: 896-901, 2009. PMID: PMC2709543
51. * Pillai J, **Vergheese J**. Social networks and their role in preventing dementia. **Indian Journal of Psychiatry**, 51: 22-28, 2009. PMID: PMC2663907
52. * Hall CB, Lipton RB, Sliwinski M, Katz MJ, Derby CA, **Vergheese J**. Cognitive activities delay onset of memory decline in persons who develop dementia. **Neurology**, 73: 356-361, 2009. PMID: PMC2725932
53. * Zimmerman ME, Lipton RB, Pan JW, Hetherington HP, **Vergheese J**. MRI- and MRS-Derived Hippocampal Correlates of Quantitative Locomotor Function in Older Adults. **Brain Research**, 1291:73-81., 2009. PMID: PMC2747520
54. *Brach J, Perrera S, Studenski S, Katz M, Hall C, **Vergheese J**. Meaningful Change in Measures of Gait Variability in Older Adults. **Gait & Posture**, 31(2):175-9, 2010. PMID: PMC2818277
55. * Strozyk D, Dickson D, Lipton R, Katz M, Derby C, Lee S, Wang C, **Vergheese J**. Contribution of Vascular Pathology to the Clinical Expression of Dementia. **Neurobiology of Aging**, 2010 31(10): 1710-20. PMID: PMC2888978
56. **Vergheese J**, Ambrose AF, Lipton R, Wang C. Neurological Gait Abnormalities and risk of falls. **Journal of Neurology**, 257(3):392-8, 2010. PMID: PMC2838981
57. * Rolita L, Holtzer R, Wang C, Lipton RB, Derby C, **Vergheese J**. Homocysteine and Mobility in Older Adults. **Journal of the American Geriatrics Society**, 58(3):545-50, 2010. PMID: PMC2915401
58. * Holtzer R, Ozelius L, X Xue, Wang T, Lipton R, **Vergheese J**. Differential effects of COMT on gait and executive control in aging. **Neurobiology of Aging**, 31(3):523-31, 2010. PMID: PMC2821742
59. **Vergheese J**, Xue X. Identifying Frailty In High Functioning Older Adults With Normal Mobility. **Age & Ageing**, 2010 May; 39(3):382-5. PMID: PMC2899862
60. Lipton RB, Hirsch J, Katz MJ, Wang C, Sanders AE, **Vergheese J**, Barzilai N, Derby CA. Exceptional Parental Longevity Associated with Lower Risk of Alzheimer's Disease and Memory Decline. **Journal of the American Geriatrics Society**, 2010 Jun;58(6):1043-9. PMID: PMC2950109
61. *Oh-Park M, Holtzer R, Xue X, **Vergheese J**. Conventional and robust gait norms in community-dwelling older adults. **Journal of the American Geriatrics Society**, 2010 Aug;58(8):1512-8. PMID: PMC2955162
62. Mahoney JR, **Vergheese J**, Goldin Y, Lipton R, Holtzer R. Alerting, Orienting, and Executive Attention in Older Adults. **Journal of the International Neuropsychological Society**, 2010; 16(5):877-89. PMID: PMC3134373

63. **Verghese J**, Mahoney J, Ambrose AF, Wang C, Holtzer R. Effect of Cognitive remediation on gait in sedentary seniors. **Journal of Gerontology: Medical Sciences**, 2010 Dec;65(12):1338-43.
64. Holtzer R, Shuman M, Mahoney JR, Lipton R, **Verghese J**. Cognitive Fatigue Defined in the Context of Attention Networks. **Neuropsychol Dev Cogn B Aging Neuropsychol Cogn**. 2011; 18(1): 108-28. PMID: PMC3058923
65. **Verghese J**, Xue X. Predisability And Gait Patterns In Older Adults. **Gait Posture**, 2011 Jan 33(1) 98-101. PMID: PMC3052990
66. *Ambrose AF, Noone ML, Johnson B, Kumar VG, Salam K, **Verghese J**. Gait and cognition: insights from the Bronx and Kerala. **Annals of the Indian Academy of Neurology**, 2010 13(Suppl 2):S99-S103. PMID: PMC3039166
67. **Verghese J**, Wang C, Holtzer R. Relationship of clinic based gait speed measurement to limitations in community based activities in older adults. **Archives of Physical Medicine & Rehabilitation**, 2011: 92(5):844-6. PMID: PMC3086725
68. Beauchet O, Annweiler C, **Verghese J**, Fantino B, Herrmann FR, Allali G. Biology of gait control: Vitamin D involvement. **Neurology**, 2011: 76(19):1617-22. PMID: PMC3100089
69. *Holtzer R, Hirshorn C, Wang C, **Verghese J**. The relationship between attention and gait in aging: facts and fallacies. **Experimental Aging Research**, in press
70. *Oh-Park M, Xue X, Holtzer R, **Verghese J**. Transient versus Persistent Fear of Falling in Community Dwelling Older Adults: Incidence and Risk factors. **Journal of the American Geriatrics Society**. 2011: 59(7):1225-31
71. *Oh-Park M, Holtzer R, Mahoney J, Wang C, **Verghese J**. Effect of Treadmill Training on Specific Gait Parameters in Older Adults with Frailty: Case Series. **Journal of Geriatric Physical Therapy**, in press.
72. *Brandler T, Wang C, Oh-Park M, Holtzer R, Verghese J. Depressive Symptoms and Gait Dysfunction in the Elderly. **American Journal of Geriatric Psychiatry**. In press. PMID: PMC3126898
73. **Verghese J**, Holtzer R, Oh-Park M, Derby CA, Lipton R, Wang C. Inflammatory markers and gait speed decline in older adults. **Journal of Gerontology: Medical Sciences**. 2011: 66(10): 1083-9
74. Holtzer R, Mahoney JR, Izzetoglu M, Izzetoglu K, Onaral B, **Verghese J**. fNIRS study of walking and walking while talking in young and old individuals. **J Gerontol A Biol Sci Med Sci**. 2011: 66(8): 879-87. PMID: PMC3148759
75. .*Oh-Park M, Wang C, Holtzer R, **Verghese J**. Stair negotiation time in community dwelling older adults: Normative values and association with functional decline. **Archives of Physical Medicine and Rehabilitation**, in press.
76. *Pillai J, Hall CB, Dickson DW, Buschke H, Lipton RB, **Verghese J**. Association Of Crossword Puzzle Participation With Memory Decline In Persons Who Develop Dementia. **Journal of the International Neuropsychological Society**, in press.
77. Robbins M, Verghese J, Antoniello D. Isolated gait apraxia from an acute unilateral parasagittal lesion. **Clinical Neurology and Neurosurgery**, in press.
78. *Brandler T, Oh-Park M, Wang C, Holtzer R, Verghese J. Walking While Talking: Investigation of Alternate Forms. **Gait & posture**, in press.
79. Mahoney JR, Li C, Oh-Park M, **Verghese J**, Holtzer R. Multisensory Integration Across the Senses in Young and Old Adults. **Brain Research**, in press.

80. Holtzer R, Mahoney JR, Izzetoglu M, Izzetoglu K, Onaral B, **Verghese J.** fNIRS study of walking and walking while talking in young and old individuals.

Book Chapters:

1. **Verghese J.** Dementia in Motor Neuron Disease. **E-Medicine**, Internet Textbook of Neurology. 2000.
2. **Verghese J.** Gait Abnormalities as a Predictor of Vascular Dementia. **Proceedings of the 3rd International Congress on Vascular Dementia.** 2003
3. Sannossian N, **Verghese J.** Abnormal Gait & Dementia. **Research and Practice in Alzheimer's disease** Vol 9, 2004
4. Sanders A, **Verghese J.** Leisure activities & Dementia. **Research and Practice in Alzheimer's disease** Vol 10, 2007
5. Sanders A, **Verghese J.** Dementia, **Geriatric Review Syllabus 7th Edition**, American Geriatrics Society, 2010
6. **Verghese J.** Mental Stimulation & Dementia. **Pathy's Principles and Practice of Geriatric Medicine**, 5th Edition. 2010
7. Zwerling J, **Verghese J.** Gait Disorders in The Graying Population. **Handbook of Geriatric Neurology**, 2011.

Invited editorials, reviews and commentaries

1. **Verghese J.** Abnormal gait & Non-Alzheimer dementia. **Biomedical Pharmacotherapy.** 57:109, 2003.
2. **Verghese J.** Editorial: To view or not to view: Television and mental health. **Southern Medical Journal** 99: 202, 2006.
3. Ambrose AF, **Verghese J.** Gait evaluation to assess fall risk: a neurological perspective. **Annals of Gerontology**, 2009; 2: 219-221.
4. **Verghese J**, Holtzer R. Editorial: Walking the walk while talking: Cognitive therapy for mobility in dementia? **Neurology.** 2010;74(24):1938-9.
5. Rolita L, **Verghese J.** Editorial: Neurovascular Coupling: Key to Gait Slowing in Aging?" **Annals of Neurology.** 2011; 70(2):189-91.

Abstracts (selected from over 150 presentations):

1. Holtzer R, Lipton RB, Katz M, **Verghese J.** Cognitive Control and Genetic Influences of Gait Velocity in Aging. American Geriatrics Society, 2007.
2. Sanders AE, Zimmerman M, Buschke H, **Verghese J.** Maze and Neighborhood Landmark Navigation Skills in Older Adults with Normal Cognition and Minimal Cognitive Impairment. American Academy of Neurology, 2007.
3. Strozyk D, Dickson D, Lipton R, Wang C, **Verghese J.** Contribution of Vascular Pathology To the Clinical Expression of Alzheimer's Disease. American Academy of Neurology, 2007.
4. Holtzer R, Schendler D, Zimmerman M, **Verghese J.** Associations between Sleep and Gait Performance in the Elderly. American Geriatrics Society, 2008.

5. Holtzer R, Hirshson CI, Wang C, **Verghese J**. What do we know about the attention and gait in aging: facts and fallacies. American Geriatrics Society, 2008.
6. Zimmerman ME, Lipton RB, Pan JW, Hetherington HP, **Verghese J**. MRI and MRS-derived hippocampal correlates of quantitative gait dysfunction in older adults. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, Vol. 4, Issue:4, 2008.
7. Lipton RB, Zwerling JL, Zimmerman M, Sanders AE, **Verghese J**, Dickson D. Hippocampal sclerosis and TDP-43 immunoreactivity: A clinicopathological study. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, Vol: 4, Issue: 4, 2008.
8. Hall CB, Derby CA, **Verghese J**, Zimmerman M, Katz MJ, Buschke H, Lipton RB. Participation in Cognitive Activities Contributes To Cognitive Reserve, Delaying Accelerated Memory Decline In Persons Who Develop Dementia. *American Academy of Neurology*, 2008.
9. Katz MJ, Wang C, Zimmerman M, Lipton RB, Sanders A, Buschke H, **Verghese J**, Derby C. Cut-scores for dementia prediction vary with time to diagnosis: Clinical and research implications from the Einstein Aging Study (EAS). *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, Vol: 4, Issue: 4, 2008.
10. Faulkner KA, Strotmeyer ES, Zivkovic S, **Verghese J**, Van Swearingen J, Studenski SA, Cauley JA. Poor Peripheral Sensorimotor Nerve Function Is Associated With High Fall Risk. *ABSMR*, 2008.
11. Sanders AE, Katz MJ, Zimmerman ME, **Verghese J**, Dickson D, Wang C, Kuslansky G, Lipton RB. Hippocampal Sclerosis Longitudinal Cognitive Trajectories Resemble Alzheimer's Disease More than Vascular Dementia: A Pathology Series from the Einstein Aging Study Brain Bank. *ICAD*, 2008.
12. Rosano, C, **Verghese J**. The Central Control of Mobility in Older Adults. *The Gerontological Society of America*, 2008.
13. Hall C, Lipton RB, **Verghese J**. Crossword puzzles delay onset of accelerated cognitive decline in preclinical dementia, contributing to cognitive reserve. *International Conference on Alzheimer's disease*, 2009.
14. Sanders AE, Hall C, Lipton RB, Katz M, **Verghese J**. Bilingualism Does Not Protect Against Dementia or MCI: Results from the Einstein Aging Study (EAS). *American Academy of Neurology*, 2009.

PATENTS

Cognitive remediation to improve mobility in seniors (patent application submitted)