

CURRICULUM VITAE

Uyen-Sa D. T. Nguyen, DSc, MPH

Department of Biostatistics & Epidemiology
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(Updated 08/12/2022)

EDUCATION

D.Sc. in Epidemiology	Boston University School of Public Health <i>Major Advisor: Kenneth J. Rothman, DrPH</i>
M.P.H. in Epidemiology & Biostatistics	Boston University School of Public Health
B.S. in Biology	University of Michigan-Ann Arbor

POST-DOCTORAL TRAINING

Post-Doctoral Fellow	Hebrew SeniorLife Institute for Aging Research Beth Israel Deaconess Medical Center Harvard Medical School <i>Mentor: Marian T. Hannan, DSc, MPH</i>
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ACADEMIC APPOINTMENTS

2019-present:	Associate Professor University of North Texas Health Science Center School of Public Health Department of Biostatistics & Epidemiology Fort Worth, TX
2013-2019:	Assistant Professor University of Massachusetts Medical School Department of Orthopedics and Physical Rehabilitation Worcester, MA
2010-2013:	Research Assistant Professor of Medicine Boston University School of Medicine Department of Medicine, Clinical Epidemiology Research & Training Unit Boston, MA

RESEARCH EMPLOYMENT HISTORY

2007-2010:	Research Fellow & Project Director, Musculoskeletal Research Hebrew SeniorLife Institute for Aging Research, Boston, MA Foot Disorders and Falls in a Population-Based Cohort Study
2002-2003:	Consultant/Program Evaluator, Adult Protective Services California State University School of Social Work, Los Angeles, CA
1995-2001:	Project Director and Statistical Analyst, Data Coordinating Center Multi-site Longitudinal Study (Study of Osteoporotic Fractures-Caregiver) San Diego Birth Center Study Boston University School of Public Health, Boston, MA
1989-1995:	Data Manager, Framingham Children's Study, Section of Preventive Medicine Research Technician, Department of Microbiology Boston University School of Medicine, Boston, MA
1988-1989:	Research Assistant, Department of Psychology

University of Michigan, Ann Arbor, MI

HONORS/AWARDS (COMPETITIVE)

- 2018 Scholar, NIMHD Health Disparities Research Institute
- 2008-2010: National Institute on Aging Diversity Supplement
- 2008: National Institute on Aging Summer Institute on Aging Research
Queenstown, MD

PROFESSIONAL DEVELOPMENT

- 2019-2022 Steps Toward Academic Research (STAR) Leadership Program
UNT Health Science Center, Fort Worth, TX
- 2015 (Jun-Aug) Academic Visitor, the Geneva Joint Arthroplasty Registry
Division of Orthopaedic Surgery and Traumatology
Geneva University Hospitals (Hôpitaux Universitaires de Genève)
Rue Gabrielle-Perret-Gentil 4
CH-1211 Geneva, Switzerland
- 2015 (Aug): Erasmus Summer Program at Erasmus University, Rotterdam, The Netherlands
Courses enrolled: Causal Mediation Analysis, Health Economics
- 2014-2015: Junior Faculty Development Program (JFDP)
University of Massachusetts Medical School at Worcester, MA
JFDP Directors: Robert Milner, PhD; Joanna Cain, MD
- 2009: Faculty Development, Distinguishing Yourself as an Independent Clinical Investigator:
The Basics, Harvard Medical School, Boston, MA
- 2009: Faculty Development, Harvard Catalyst Postgraduate Education Program, Introduction to
Clinical Investigation, Harvard Medical School, Boston, MA

PROFESSIONAL SOCIETIES: MEMBERSHIPS AND COMMITTEE ASSIGNMENTS

MEMBERSHIP American College of Rheumatology/Association of Rheumatology Professionals (ACR/ARP); Gerontological Society of America (GSA); Society for Epidemiologic Research (SER)

COMMITTEE SERVICE

- 2021-present: American College of Rheumatology
Abstract Category Co-Chair Epidemiology & Public Health Abstracts, Annual Meeting
- 2020-2021: American College of Rheumatology
Rheumatology Research Foundation-Grant Reviewer
- 2018-2021: American College of Rheumatology/Association of Rheumatology Professionals
ACR Committee on Journal Publications
- 2016-2018: American College of Rheumatology/Association of Rheumatology Professionals
ARP Research Subcommittee
- 2013-2016: American College of Rheumatology/Association of Rheumatology Professionals
ARP Membership and Nominations Committee Member
- 2014-2015: American College of Rheumatology/Association of Rheumatology Professionals
ARP Welcome Task Force Member
- 2012-2013: American College of Rheumatology/Association of Rheumatology Professionals
Annual Meeting Planning Subcommittee Member
- 2012-2013: American College of Rheumatology/Association of Rheumatology Professionals
ARP Abstract Category Chair (Epidemiology and Public Health)

2012-present: ACR/ARP Annual Scientific Meeting Abstract Reviewer, Session Moderator

2009-2015: Gerontological Society of America Annual Scientific Meeting Abstracts

EDITORIAL ACTIVITIES (AD-HOC REVIEWER)

Annals of Internal Medicine (2013& 2014 Top Grade Reviewer Recognition); Arthritis Care & Research (2019 Top Grade Reviewer Recognition); Arthritis & Rheumatology; Annals of Rheumatic Diseases; BMC; British Journal of Nutrition; JAGS (J of the American Geriatrics Society); Journal of Evaluation and Clinical Practice; Journal of Foot and Ankle Research; Journal of Rheumatology; Maturitas; Maternal and Child Health Journal; Osteoarthritis & Cartilage; PLOS One; Women's Health

EDUCATIONAL ACTIVITIES

UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER SCHOOL OF PUBLIC HEALTH

TEACHING RESPONSIBILITIES

Introduction to Data Management & Statistical Programming, EPID 5313 (Fall 2020-2022)

Intermediate Epidemiology, EPID 5310 (Spring 2020-2023)

Advanced Epidemiology I, EPID 6310 (Fall 2019)

Advanced Epidemiology II, EPID 6312 (Spring 2023)

Measurement Theory & Scale Development, EPID 6330 (Fal, 2021)

ADVISING, SUPERVISING OR MENTORING

SUPERVISING

Date	Student	Program	Outcome
2021-ongoing	Rohit Balasundaram	PhD	Advising
2021-ongoing	Sarpong Boateng	PhD	Advising
2020-2022	Noah Peeri	PhD	Post-Doc Fellow (Mem. Sloan Kettering, NY)
2020-2021	Cameron Zielke	MS	Manuscript-in progress

MENTORING

2021-ongoing	Esther Annan	PhD	Post-Doc Fellow (Princeton University, NJ)
2020-ongoing	Ashvita Garg	PhD	Post-Doc Fellow (Medical University SC, SC)
2020-2022	Jonathan Moore	PhD	Post-Doc fellow (U of Idaho)
2019-2020	Zhang Qi Tan	PhD	Manuscript published

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL

TEACHING RESPONSIBILITIES

2018: CAPSTONE Reviewer and Research Mentoring: 6 students

Lecturer: guest lecture on appropriateness and racial disparities in total knee arthroplasty utilization

2017: CAPSTONE and Research Mentoring: Departments of Medicine and Orthopedics & Physical

Rehab: 12 medical students, 1 research fellow, 3 departmental faculty members

Research Mentoring: Orthopedic Summer Research Program

Weekly research meetings over 3 months with 1-2 medical students

Lecturer: guest lecture on appropriateness and racial disparities in total knee arthroplasty utilization

2013- Lecturer: Orthopedic Summer Research Program

2016: Guest lecture on study design and data analysis

ADVISING & SUPERVISING

Date	Student	Program	Outcome
2017-2019	Tim Olivier, MD '20	CAPSTONE	HRS data

HARVARD MEDICAL SCHOOL

TEACHING RESPONSIBILITIES

2010: Lecturer: Clinical Epidemiology and Population Health-AC511.0

2.5 hours/twice weekly for 4 weeks/6-8 first year medical and dental students

Harvard Medical School, Boston, MA

2009: Lecturer: Clinical Epidemiology and Population Health-AC511.0
2.5 hours/twice weekly for 4 weeks/6-8 first year medical and dental students
Harvard Medical School, Boston, MA

GRANTS

ACTIVE

NIH/NIMHD R21 MD013542-01 (PI: Nguyen, U.) 09/01/20-08/31/2022
VietAmerican Health Pilot Study

The major goal of this study is to conduct a pilot study of awareness of disease, symptoms and management of osteoarthritis, as well as examining the willingness and feasibility of obtaining X-rays of hands and knees in a small sample of Vietnamese Americans in the Dallas-Fort Worth area.

NIH/NIA R21 AG068772 (PI: Demissie, S.) 09/01/20-08/31/2022
Population subgroup difference in aging trajectory and health: Methods and application

The overall aim of this study is to develop a new and improved method of predicting and quantifying biological age and to apply the method in aging research.

Role: Sub-Award PI

COMPLETED

NIH/NIAMS 5K01AR064351-03 (PI: Nguyen, U.) 2013-2018
Collider Bias and the Risk Factor Paradoxes in Rheumatic Disease Research \$617,195

To determine and quantify potential selection bias in 3 areas of rheumatic disease and musculoskeletal research.

Effort: 75%

Arthritis Foundation New Investigator Award (PI: Nguyen, U.) 2013-2015
The True Impact of Cardiovascular Risk Factors in Rheumatoid Arthritis \$100,000

To determine the true impact of the risk of cardiovascular events in people with rheumatoid arthritis.

Effort: 15%

ACR REF Scientist Development Award (PI: Nguyen, U.) 2010-2013
Knee OA and Risk of Indoor and Outdoor Falls in a Population-Based Cohort of Older Adults: The MOBILIZE Boston Study \$225,000

To determine the association between knee OA and risk of falls separately for indoor and outdoor falls, and whether foot pain, physical activity, and mobility performance may partially mediate these associations.

NIH/NIA R01AG026316-03S1 (PI: Hannan, M.) 2005-2010
Foot Disorders and Falls in a Population-Based Cohort Study, NIA Diversity Supplement \$91,666

To study the correlation among different balance measures and to determine the association between balance and risk of indoor and outdoor falls in older adults.

Role: Co-Investigator

Hospital for Special Surgery (PI: Nguyen, U.) 2008-2009
The Occurrence of Ipsilateral or Contralateral Foot Disorders and Dominant Handedness, The Framingham Offspring Study (Framingham Heart Study NHLBI/NIH Contract #: N01-HC-25195) \$6,000

This unrestricted grant from the Non-Surgical Foot & Ankle Service of Hospital for Special Surgery funded a study into the association between hand dominance and side of foot disorders in a population-based cohort study.

BIBLIOGRAPHY

DOCTORAL DISSERTATION

2007: **Nguyen USDT**. *Epidural Placement, Transfers, and Adequacy of Prenatal Care Utilization in the San Diego Birth Center Study*. Boston, MA: Boston University School of Public Health 2007. 3279949.

ORIGINAL, PEER REVIEWED PUBLICATIONS

*INDICATES STUDENT MENTEE

1. Zamansky GB, **Nguyen U**, and Chou IN. An immunofluorescence study of the calcium-induced coordinated reorganization of microfilaments, keratin intermediate filaments, and microtubules in cultured human epidermal keratinocytes. *J Invest Dermatol* 1991;97:985-994. PMID: 1721081.
2. Zamansky GB, **Nguyen U**, and Chou IN. An immunofluorescence study of the effects of ultraviolet radiation on the organization of microfilaments, keratin intermediate filaments, and microtubules in human keratinocytes. *Cell Motility and Cytoskeleton* 1992;22(4):296-306. PMID: 1381290.
3. Gillman MW, Hood MY, Moore LL, **Nguyen US**, Singer MR, Andon M. Effect of calcium supplementation on blood pressure in children. *J Pediatr* 1995;127:186-192. PMID: 7636641.
4. Rothman KJ, Moore LL, Singer MR, **Nguyen US**, Mannino S, Milunsky A. Teratogenicity of high vitamin A intake. *N Engl J Med* 1995;333:1369-1373. PMID: 7477116.
5. Moore LL, **Nguyen US**, Rothman KJ, Cupples LA, Ellison RC. Preschool physical activity level and change in body fatness in young children. The Framingham Children's Study. *Am J Epidemiol* 1995;142:982-988. PMID: 7572980.
6. Ellison RC, Singer MR, Moore LL, **Nguyen US**, Garrahe EJ, Marmor JK. Current caffeine intake of young children: amount and sources. *J Am Diet Assoc* 1995;95:802-804. PMID: 7797813.
7. Proctor MH, Moore LL, Singer MR, Hood MY, **Nguyen US**, Ellison RC. Risk profiles for non-communicable diseases in rural and urban school children in the Republic of Cameroon. *Ethnicity and Disease* 1996;6:235-243. PMID: 9086313.
8. Ellison RC, Moore LL, Proctor MH, **Nguyen US**, Schaefer EJ, Stare FJ. Effect of response to a low-fat diet among adolescent males on their adult blood cholesterol levels. *Preventive Medicine* 1997;26:686-693. PMID: 9327478.
9. Swartz W, Jackson D, Lang J, Ecker J, Ganiats T, Dickinson C, **Nguyen U**. The BirthPlace collaborative practice model: results from the San Diego Birth Center Study. *Prim Care Update Ob Gyns* 1998;5(4):207. PMID: 10838392.
10. Flores G, Bauchner H, Feinstein AR, **Nguyen US**. The impact of ethnicity, family income, and parental education on children's health and use of health services. *Am J Publ Hlth* 1999;89:1066-71. PMID: 10394317. PMCID: PMC1508855.
11. Jackson DJ, Lang JM, Swartz WH, Ganiats TG, Fullerton J, Ecker J, **Nguyen U**. Outcomes, safety and resource utilization in a collaborative care birth center program compared with traditional physician-based perinatal care. *Am J Publ Hlth* 2003;93(6):999-1006. PMID: 12773368. PMCID: PMC1447883.
12. Dufour AB, Broe KE, **Nguyen US**, Gagnon GR, Hillstrom HJ, Walker AH, Kivell E, Hannan MT. Foot Pain: Is current or past footwear a factor? *Arthritis Rheum* 2009;61(10):1352-1358. PMID: 19790125. PMCID: PMC2761974.
13. **Nguyen US**, Rothman KJ, Demissie S, Jackson DJ, Lang JM, Ecker JL. Transfers among women intending a birth center delivery in the San Diego Birth Center Study. *J of Midwifery Womens Health* 2009;54(2):104-110. PMID: 19249655.
14. **Nguyen UDT**, Rothman KJ, Demissie S, Jackson DJ, Lang JM, Ecker JL. Epidural analgesia and risks of cesarean and operative vaginal deliveries in nulliparous and multiparous women. *Mat Child Health J* 2010;14(5):705-12. PMID: 19760498.
15. **Nguyen US**, Hillstrom HJ, Li W, Dufour AB, Kiel DP, Procter-Gray E, Gagnon MM, Hannan MT. Factors associated with hallux valgus in a population-based study of older women and men: the MOBILIZE Boston Study. *Osteoarthritis and Cartilage* 2010;18:41-46. Epub 2009 Sep1. PMID: 19747997. PMCID: PMC2818204.
16. Kelsey JL, Procter-Gray E, **Nguyen US**, Li W, Kiel DP, Hannan MT. Footwear and falls in the home among older individuals in the MOBILIZE Boston Study. *Footwear Sci.* 2010;2(3):123-129. PMID: 22224169. PMCID: PMC3250347.

17. Kelsey JL, Berry SD, Procter-Gray E, Quach L, **Nguyen US**, Li W, Kiel DP, Lipsitz LA, Hannan MT. Indoor and outdoor falls in older adults are different: the maintenance of balance, independent living, intellect, and Zest in the Elderly of Boston Study. *J of Am Geriatrics Soc* 2010;58(11):2135-41. PMID: 20831726. PMCID: PMC2975756.
18. **Nguyen US**, Zhang Y, Zhu Y, Niu J, Zhang B, Felson DT. Increasing prevalence of knee pain and symptomatic knee osteoarthritis: survey and cohort data. *Ann Int Med* 2011;155:725-732. PMID: 22147711. PMCID: PMC3408027.
19. Cheung CL, **Nguyen US**, Au E, Tan KCB, Kung AW. Association of handgrip strength with chronic diseases and multimorbidity: a cross-sectional study. *Age (Dordr)* 2013;35:929-41. DOI 10.1007/s11357-012-9385-y. Epub 2012 Feb 8. PMID: 22314403. PMCID: PMC3636411. Available at <http://www.springerlink.com/content/q3k80713755p5532/fulltext.pdf>. Accessed 2/28/2012
20. **Nguyen US**, Kiel DP, Li W, Galica AM, Kang HG, Casey VA, Hannan MT. Correlations of clinical and laboratory measures of balance in older men and women. *Arthritis Care Res (Hoboken)* 2012;64:1895-1902. PMID: 22745045. PMCID: PMC3467339.
21. **Nguyen US**, Dufour AB, Positano RG, Dines JS, Dodson CC, Gagnon DR, Hillstrom HJ, Hannan MT. The occurrence of ipsilateral or contralateral foot disorders and hand dominance: The Framingham Foot Study. *J of the Am Podiatric Med Assoc* 2013; 103:16-23. PMID: 23328848. PMCID: PMC3558939.
22. **Nguyen US**, Felson DT, Niu J, White DK, Segal NA, Lewis CE, Rasmussen M, Nevitt MC. The impact of knee instability with and without buckling on balance confidence, fear of falling and physical function: the Multicenter Osteoarthritis Study. *Osteoarthritis and Cartilage* 2014 Apr; 22(4):527-34. PMID: 24508777, PMCID: PMC4059670.
23. Segal NA, Nevitt MC, Welborn RD, **Nguyen US**, Niu J, Lewis CE, Felson DT, Frey-Law L; MOST Investigative Group. The association between antagonist hamstring coactivation and episodes of knee joint shifting and buckling. *Osteoarthritis and Cartilage* 2015 Jul;23(7):1112-21. doi: 10.1016/j.joca.2015.02.773. Epub 2015 Mar 9. PMID:25765501. NIHMSID755442. PMCID: PMC4744470.
24. White DK, Neogi T, **Nguyen US**, Niu J, Zhang Y. Trajectories of functional decline in knee osteoarthritis: The Osteoarthritis Initiative. *Rheumatology (Oxford)*. 2016 May;55(5):801-8. doi: 10.1093/rheumatology/kev419. Epub 2015 Dec 24. PMID: 26705330. PMCID: PMC5009418.
25. Nevitt MC, Tolstykh I, Shakoor N, **Nguyen US**, Segal NA, Lewis C, Felson DT; the Multicenter Osteoarthritis Study Investigators. Symptoms of knee instability as risk factors for recurrent falls. *Arthritis Care and Res (Hoboken)*. 2016 Aug;68(8):1089-97. 2016 Feb 8. [Epub ahead of print]. Available online <http://onlinelibrary.wiley.com/doi/10.1002/acr.22811/epdf>. PMCID: PMC4958545.
26. **Nguyen UD**, Ayers DC, Li W, Harrold LR, Franklin PD. Pre-operative pain and function: profiles of patients selected for total knee arthroplasty. *J Arthroplasty* 2016 Nov; 31(11):2402-2407.e2. doi: 10.1016/j.arth.2016.04.015. PubMed PMID: 27259392, PMCID: PMC5069189.
27. **Nguyen UD**, Zhang Y, Louie-Gao Q, Niu J, Felson DT, LaValley MP, Choi HK. The obesity paradox in recurrent attacks of gout in observational studies: Clarifications and remedy. *Arthritis Care Res (Hoboken)*. 2017 Apr;69(4):561-566. doi: 10.1002/acr.22954. PubMed PMID: 27331767; PubMed Central PMCID: PMC5179319.
28. Shakoor N, Felson DT, Niu J, **Nguyen US**, Segal NA, Singh JA, Nevitt MC. The association of vibratory perception and muscle strength with the incidence and worsening of knee instability: the Multicenter Osteoarthritis Study. *Arthritis Rheumatol* 2017;69(1):94-102. doi: 10.1002/art.39821. PubMed PMID: 27564789; PMCID: PMC5195885.
29. Leung RYH, Cheung BMY, **Nguyen US**, Kung AWC, Tan KCB, Cheung CL. Optimal vitamin D status and its relationship with bone and mineral metabolism in Hong Kong Chinese. *Bone* 2017;97:293-298. doi: 10.1016/j.bone.2017.01.030. Epub 2017 Jan 24.

30. Sparks JA, Chang SC, **Nguyen UDT**, Barbhैया M, Tedeschi SK, Lu B, Costenbader KH, Zhang Y, Choi HK, Karlson EW. Smoking behavior changes in the early rheumatoid arthritis period and risk of mortality during thirty-six years of prospective followup. *Arthritis Care Res (Hoboken)*. 2018 Jan;70(1):19-29. doi: 10.1002/acr.23269. Epub 2017 Dec 15. PubMed PMID: 28464477. NIHMS ID: [NIHMS871807](#). PMID: 28464477 PMCID: PMC5668209.
31. **Nguyen UDT**, Zhang Y, Lu N, Louie-Gao Q, Niu J, Ogdie A, Gelfand JM, LaValley MP, Dubreuil M, Sparks JA, Karlson EW, Choi HK. The smoking paradox in the development of psoriatic arthritis among patients with psoriasis: a population-based study. *Annals of Rheumatic Diseases* 2018;77:119-123. NIHMS ID: [NIHMS948509](#)
32. Sparks JA, Chang SC, **Nguyen UDT**, Barbhैया M, Tedeschi SK, Lu B, Kreps DJ, Costenbader KH, Zhang Y, Choi HK, Karlson EW. Weight change during the early rheumatoid arthritis period and risk of subsequent mortality in women with rheumatoid arthritis and matched comparators. *Arthritis Rheumatol* 2018;70(1):19-29. doi: 10.1002/art.40346. Epub 2017 Dec 7. NIHMS911861. PMID: 29193837 PMCID: PMC5745282.
33. **Nguyen UDT**, Perneger T, Franklin PD, Barea C, Hoffmeyer P, Lübbecke A. Improvement in mental health following total hip arthroplasty: the role of pain and function. *BMC Musculoskelet Disord* 2019;20:307. doi: 10.1186/s12891-019-2669-y.
34. Li S, Cui L, Cheng J, Shu R, **Nguyen US**, Misra D, Wu S, Gao X. Repeated measurements of serum urate and mortality: a prospective cohort study of 152,358 individuals over 8 years of follow-up. *Arthritis Res Ther*. 2020 Apr;22:84. doi: 10.1186/s13075-020-02173-4. PMID: 32295651.
35. Zeng C, Bennell K, Yang Z, **Nguyen UDT**, Lu N, Wei J, Lei G, Zhang Y. Risk of venous thromboembolism in knee, hip and hand osteoarthritis: a general population-based cohort study. *Ann Rheum Dis* 2020;79(12):1616-1624. doi: 10.1136/annrheumdis-2020-217782.
36. Shrestha N, Shad MY, Ulvi O, Khan MH, Karamelic-Muratovic A, **Nguyen UDT**, Baghbanzadeh M, Wardrup R, Aghamohammadi N, Cervantes D, Nahiduzzaman KM, Zaki RA, Haque U. The impact of COVID-19 on globalization. *One Health* 2020 Dec 20;11:100180. doi: 10.1016/j.onehlt.2020.100180. Epub 2020 Oct 13. PMID: 33072836.
37. Ananth S, Shrestha N, Treviño CJA, **Nguyen U**, Haque U, Angulo-Molina A, Lemus A, Lubinda J, Sharif RM, Zaki RA, Casas RMS, Nandy R. Clinical symptoms of arboviruses in Mexico. *Pathogens* 2020, 9, 264;doi:10.3390/pathogens9110964.
38. Tan Z, Mun EY, **Nguyen UDT**, Walters ST. Increases in social support co-occur with decreases in depressive symptoms and substance use problems among adults in permanent supportive housing: an 18-month longitudinal study. *BMC Psychology* 2021;9(1):6. <https://doi.org/10.1186/s40359-020-00507-0>.
39. Wang Y, **Nguyen UDT**, Lane NE, Lu N, Wei J, Lei G, Zeng C, Zhang Y. Knee osteoarthritis, potential mediators, and risk of all-cause mortality: data from the Osteoarthritis Initiative. *Arthritis Care & Research (Hoboken)*. 2021;73(4):566-573. Jan. doi: 10.1002/acr.24151.
40. Swart E, Lasceski C, Latario L, Jo J, **Nguyen USDT**. Modern Treatment of Tibial Shaft Fractures: Is There a Role Today for Closed Treatment? *Injury* 2021;52(6): 1522-1528. doi:10.1016/j.injury.2020.10.018.
41. Zeng C, **Nguyen UDT**, Wu J, Wei J, Luo X, Hu S, Lu N, Lei G, Zhang Y. Does smoking cessation increase risk of knee replacement? A general population-based cohort study. *Osteoarthritis and Cartilage* 2021;29(5):697-706. <https://doi.org/10.1016/j.joca.2021.02.382>.
42. Mangla S, Zohra Makkia FT, Pathak AK, Robinson R, Sultana N, Koonisetty KS, Karamelic-Muratovic A, **Nguyen U-SD**, Rodriguez-Morales AJ, Sanchez-Duque JA, Zamba PT, Aghamohammadi N, Fong CS, Haque U. COVID-19 Vaccine Hesitancy and Emerging Variants: Evidence from Six Countries. *Behav. Sci.* 2021, 11, 148. <https://doi.org/10.3390/bs11110148>.
43. Bhuiyan MTH, Khan IM, Jony SSR, Robinson R, **Nguyen USDT**, Keellings DJ, Rahman MS, Haque U. The disproportionate impact of COVID-19 among undocumented immigrants and ethnic minorities in the US. *International Journal of Environmental Research and Public Health* 2021;

18(23). doi:10.3390/ijerph182312708.

44. Gonzalez A, **Nguyen UDT**, Franklin P, Barea C, Hannouche D, Lübbecke A. 1-year trajectories of patients undergoing primary total hip arthroplasty: Patient reported outcomes and resource needs according to education level. *BMC Musculoskelet Disord* **23**, 84 (2022). <https://doi.org/10.1186/s12891-022-05004-6>.
45. Peeri NC*, Tao M, Demissie S, **Nguyen USDT**. Sleep duration, chronotype, and insomnia and the risk of lung cancer: United Kingdom Biobank Cohort. *Cancer Epidemiology, Biomarkers and Prevention. Cancer Epidemiol Biomarkers Prev.* 2022 Apr 1;31(4):766-774. doi: 10.1158/1055-9965.EPI-21-1093.
46. Annan E, Guo J, Angulo-Molina A, Yaacob WFW, Aghamohammadi N, C Guetterman T, Yavaşoglu Sİ, Bardosh K, Dom NC, Zhao B, Lopez-Lemus UA, Khan L, **Nguyen UDT**, Haque U. Community acceptability of dengue fever surveillance using unmanned aerial vehicles: A cross-sectional study in Malaysia, Mexico, and Turkey. *Travel Med Infect Dis.* 2022 May 27;49:102360. doi: 10.1016/j.tmaid.2022.102360. Epub ahead of print. PMID: 35644475.
47. Baghbanzadeh M, Smith M, Pilz J, Rahman MS, Karamehic-Muratovic A, Garg A, Annan E, **Nguyen US**, Schedler N, Nandy R, Islam R, Haque U. County-level Governance Indicators as Predictors of COVID-19 Morbidity, Mortality, and Vaccination Coverage: An Exploratory Global Analysis. *Am J Tropical Med & Hygiene* (in press).
48. **Nguyen UDT**, Sanders FR, Martin KR. Sex difference in OA: Should we blame estrogen? *European J Rheumatol* (in press).
49. Dong B, Khan L, Smith M, Trevino J, Zhao B, Hamer GL, Lemus A, Angulo-Molina A, Lubinda J, **Nguyen USDT**, Haque U. Spatio-temporal dynamics of three diseases caused by *Aedes*-borne arboviruses in Mexico. *Communications Medicine Nature Research* (in press).

OTHER PEER-REVIEWED PUBLICATIONS (LETTER TO THE EDITOR, COMMENTARIES, REVIEW ARTICLES)

50. **Nguyen US**, Niu J, Choi HK, Zhang Y. Body mass index and mortality: comment on article by Wolfe and Michaud. *Arthritis Care Res (Hoboken)*. 2013 May; 65(5):834-5. PMID: PMC4178945.
51. **Nguyen US**, Niu J, Choi HK, Zhang Y. Commentary: effect of obesity on mortality: Comment on article by Banack and Kaufman. *Epidemiology* 2014 Jan;25(1):2-3. NIHMSID:541794. PMID: PMC3956442.
52. Choi HK, **Nguyen US**, Niu J, Danaei G, Zhang Y. Selection Bias in Rheumatic Disease Research. *Nat Rev Rheumatol* 2014 Jul;10(7):403-12. doi: 10.1038/nrrheum.2014.36. [Epub ahead of print]. PMID: PMC4260806.
53. Franklin P, **Nguyen U**, Ayers D, Weissman N; FORCE-TJR Investigators. Improving the criteria for appropriateness of total joint replacement surgery: comment on article by Riddle et al. *Arthritis Rheumatol* 2015 Feb;67(2):585. doi: 10.1002/art.38926.
54. **Nguyen UDT**, Zhang Y, Choi HK. Response to: ‘Smoking paradox in the development of psoriatic arthritis among patients with psoriasis’ by Lee and Song. *Ann Rheum Dis* 2018;77(1).e76. <http://dx.doi.org/10.1136/annrheumdis-2017-212770>.

BOOK CHAPTER

55. **Nguyen USDT**, Quach L, Tran TV. (2020) Social Stress. In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. Springer, Cham. (https://link.springer.com/referenceworkentry/10.1007%2F978-3-319-69892-2_513-1).

MANUSCRIPTS UNDER REVIEW OR IN REVISION

56. Demissie S and **Nguyen UDT**. Partial-R² Computation from Summary Statistics and its Application in Meta-Analysis and Quantitative Trait Locus Heritability Estimation. *Statistics in Medicine* (under

review).

57. Peeri NC, Tao MH, Nguyen N, Balasundarum RB, Truong C, Nguyen USDT. Trends in prediabetes, type 2 diabetes, and poor oral health by race/ethnicity among adults in the United States 2011-2018. *Preventing Chronic Diseases* (under review).
57. Bukhari MH, Shad MY, Treviño JA, Robinson R, Hamer GL, Wang P, Nguyen USDT, Ubydul Haque U. Spatio-temporal, socio-economic, and climatic-factors of arboviral disease in Mexico. *Am J Tropical Med & Hygiene* (under review).
58. Annan E, Guo J, Angulo-Molina A, Yaacob WFW, Aghamohammadi N, Guetterman T, Yavaşoglu SI, Bardosh K, Dom NC, Zhao B, Lopez-Lemus UA, Khan L, Nguyen USDT, Haque U. Assessing community readiness to engage in dengue fever surveillance using unmanned aerial vehicles. *Travel Medicine and Infectious Disease* (under review).
59. Haque U, Naeem A, Wang S, Holovanova I, Gutor T, Bazyka D, Galindo R, Sharma S, Zaliska O, Kaidashev IP, Dronyuk I, Chumachenko D, Korol N, Bazyka K, Zhyvotovska L, Kotvitska A, Kopchak O, Zimenkovsky A, Khan L, Nguyen USDT. War, Health, and Humanity in Ukraine. *BMJ Open* (under review).

INVITED LECTURES AND PRESENTATIONS

Local

- 2008: Harvard Medical School Geriatric Medicine Fellowship Program: Advanced Aging Research Training Seminar Series, BIDMC Division of Gerontology, Boston, MA. Factors Associated with Hallux Valgus in Elderly Men and Women: The MOBILIZE Boston Study.
- 2008: Harvard Medical School Dean's Symposium, BIDMC, Boston, MA. Factors Associated with Hallux Valgus in Elderly Men and Women: The MOBILIZE Boston Study.
- 2008: Hebrew SeniorLife Institute for Aging Research: Research in Progress Seminar Series, Boston, MA. Foot Problems and Balance as Measured by Kistler Force Plate, Berg Scale, and Tandem Performance in Elderly Men and Women.
- 2009: Harvard Medical School Geriatric Medicine Fellowship Program: Advanced Aging Research Training Seminar Series, BIDMC Division of Gerontology, Boston, MA. Berg Balance and Risk of Indoor and Outdoor Falls in Elderly Men and Women: The MOBILIZE Boston Study.
- 2010: Hebrew SeniorLife Institute for Aging Research RNH-MOBILIZE Boston Study Principal Investigator Meeting, Boston, MA. Knee Osteoarthritis and Risk of Indoor and Outdoor Falls in Older Men and Women: the MOBILIZE Boston Study.
- 2012: University of Massachusetts Medical School, Department of Orthopedics and Physical Rehabilitation, Worcester, MA. Knee Osteoarthritis: Trends and Consequences.
- 2014: University of Massachusetts Medical School, Department of Quantitative Health and Services. Obesity Paradox in Recurrent Gout-Clarification and Remedy. Dec 16.
- 2014: University of Massachusetts Medical School, Department of Quantitative Health Sciences BRIDGE presentation. Risk Factor Paradox in Rheumatic Disease Research – An Example. Nov 6.
- 2016: University of Massachusetts Medical School, 6th Annual Center for Clinical and Translational Research Retreat. Total Hip Arthroplasty and Mental Health Status (poster). Available online at <http://www.umassmed.edu/ccts/researchretreat2016/poster-session/posters/>. 05/20/16.
- 2016: University of Massachusetts Medical School, 6th Annual Center for Clinical and Translational Research Retreat. 6-Month Change in Pain and Function by Pre-Operative Pain and Function among Patients Selected for Total Knee Replacement in the United States (poster). Available online at <http://www.umassmed.edu/ccts/researchretreat2016/poster-session/posters/>. 05/20/16.
- 2017: University of Massachusetts Medical School, 7th Annual Center for Clinical and Translational Research Retreat. Total Hip Arthroplasty and Mental Health Status (poster). The Smoking Paradox in the Development of Psoriatic Arthritis among Psoriasis Patients - A Population-Based Study 05/16/17.

- 2017: University of Massachusetts Medical School, 7th Annual Center for Clinical and Translational Research Retreat. Total Hip Arthroplasty and Mental Health Status (poster). Racial Differences in the Effectiveness of Total Knee Arthroplasty (TKA) on Postoperative Pain and Function 05/16/17.

National Scientific Meetings (Peer Reviewed) & Abstracts

- 1993: Moore LL, **Nguyen U**, Proctor MH, Singer MR, Cupples LA, Rothman KJ, Ellison RC. Relation of preschool activity to change in body fatness in early-childhood. Society for Epidemiologic Research Conference. Am J Epidemiol 138 (8), 637-638
- 1994: **Nguyen US**, Moore LL, Marmor JK, Ellison RC. Tracking of physical activity levels in early childhood: The Framingham Children's Study. American Public Health Association. Washington DC, November. Poster.
- 1994: Moore LL, Singer MR, **Nguyen UDT**, Rothman KJ, Cupples LA. Effect of nutrient intake on body fatness of young-children. Society for Epidemiologic Research Conference. Am J Epidemiol 1994;139 (11):S56.
- 1994: Ellison RC, Moore LL, Proctor MH, **Nguyen US**, Schaefer EJ, Stare FJ. Prediction of adult cholesterol from response to low-fat diet in adolescence. American Heart Association Conference. Circulation 1994;89 (2): 942-942.
- 1994: Gillman MW, Hood MY, Moore LL, Singer MR, **Nguyen US**, Andon MB. Effect of calcium supplementation on blood-pressure in inner-city children. American Heart Association Conference. Circulation 89 (2), 941-941.
- 2000: **Nguyen US**, Fredman L, Ashba J, Hochberg M, Harris E, Ensrud K, Schulz R, Nevitt M, Magaziner J, Kasper J. Change in caregiver status over a 3-year period. Gerontological Society of America. Washington DC, November. Poster. The Gerontologist 2000;40(Suppl 1):190.
- 2008: **Nguyen US**, Hillstrom HJ, Gagnon MM, Dufour AB, Kiel DP, Hannan MT. Do Risk Factors for Hallux (H.) Valgus Differ Between Elderly Women and Men: The MOBILIZE Boston Study. American College of Rheumatology/Association of Rheumatology Health Professionals. San Francisco, CA; October 27. Poster. Arthrit Rheum 2008; 57 (9 Suppl):S605.
- 2008: Dufour AB, Broe KE, Kivell E, Walker AH, **Nguyen USDT**, Gagnon DR, Hillstrom HJ, Hannan MT. Foot Pain: Is Current or Past Shoewear a Factor? The Framingham Foot Study. Arthrit Rheum 2008; 57 (9 Suppl):S605.
- 2008: **Nguyen US**, Galica AM, Gagnon MM, Kiel DP, Hannan MT. Foot Problems and Balance as Measured by Kistler Force Plate, Berg Scale, and Tandem Performance in Elderly Men and Women. Gerontological Society of America. Washington DC; November 20. Podium. The Gerontologist 2008;48(S2):759.
- 2009: **Nguyen US**, Quach L, Kelsey JL, Kiel DP, Galica AM, Oatis C, Hannan MT. Berg Balance and Risk of Indoor and Outdoor Falls in Elderly Men and Women. American College of Rheumatology/Association of Rheumatology Health Professionals. Philadelphia, PA; October 18. Podium. Arthr Rheum 2009;60 (10 Suppl):S207-S208.
- 2009: **Nguyen US**, Quach L, Kelsey JL, Kiel DP, Galica AM, Gagnon MM, and Hannan MT. Berg Balance Scale and Indoor Falls in Community-Dwelling Older Adults: The MOBILIZE Boston Study. Gerontological Society of America. Atlanta, GA; November 19. Podium. The Gerontologist 2009;49(Suppl 2):169.
- 2010: **Nguyen US**, Hannan MT, Shmerling RH, Kiel DP, Leveille SG, Oatis CA, Quach L, Zhang Y. Potential Gender Effect on the Association between Knee Osteoarthritis and Risk of Indoor and Outdoor Falls in Elderly Men and Women. American College of Rheumatology-Association of Rheumatology Health Professionals. Atlanta, GA; November 8. Podium. Arthritis Rheumatol 2010;62(10 Suppl):S285.
- 2010: **Nguyen US**, Zhang Y, Niu J, Zhang B, Felson DT. Increasing Prevalence of Knee Pain and Symptomatic Knee Osteoarthritis. American College of Rheumatology-Association of Rheumatology Health Professionals. Atlanta, GA; November 8. Podium.

- Arthritis Rheumatol 2010;62(10 Suppl):S286.
- 2010: **Nguyen US**, Zhang Y, Quach L, Kiel DP, Leveille SG, Shmerling RH, Oatis CA, Hannan MT. Knee Osteoarthritis and Risk of Indoor and Outdoor Falls in Older Adults: The MOBILIZE Boston Study. Gerontological Society of America. New Orleans, LA; November 20. Podium. The Gerontologist 2010;50(Suppl 1):82.
- 2011: **Nguyen US**, Zhang YQ, VanderWeele TJ, Niu J, Shmerling RH, Kiel DP, Leveille SG, Oatis CA, Hannan MT. Does Physical Performance Mediate the Effect of Knee Osteoarthritis and Risk of Indoor and Outdoor Falls in Older Men and Women? American College of Rheumatology-Association of Rheumatology Health Professionals. Chicago, IL; November 6. Podium. Arthritis Rheumatol 2011;63(10 Suppl):S314.
- 2011: **Nguyen US**, Zhang B, Niu J, White D, Zhang YQ. Patterns of WOMAC Function in People with or At High Risk of Knee Osteoarthritis: The Osteoarthritis Initiative. American College of Rheumatology-Association of Rheumatology Health Professionals. Chicago, IL; November 7. Poster. Arthritis Rheumatol 2011;63(10 Suppl):S602.
- 2011: Zhang B, **Nguyen US**, Niu J, Zhang Y. Developmental Trajectories of WOMAC Knee Pain and Their Predictors Over 3 Years Among Subjects of Osteoarthritis Initiative. Arthritis Rheumatol 2011;63(10 Suppl):S999-S1000.
- 2011: **Nguyen US**, Felson DT, Niu J, Zhu Y, White DK, Segal N, Lewis CE, Rasmussen M, Nevitt MC. Consequences of Knee Buckling: The Multicenter Osteoarthritis Study. American College of Rheumatology-Association of Rheumatology Health Professionals. Chicago, IL; November 8. Poster. Arthritis Rheumatol 2011;63(10 Suppl):S774-5.
- 2011: **Nguyen US**, Choi HK, Peloquin C, Rho YH, Zhu YY, White D, Niu J, Zhang YQ. Hypothyroidism and Risk of Adhesive Capsulitis in the General Population. American College of Rheumatology-Association of Rheumatology Health Professionals. Chicago, IL; November 9. Podium. Arthritis Rheumatol 2011;63(10 Suppl):S1039.
- 2011: **Nguyen US**, Zhang Y, Niu J, Kiel DP, Leveille SG, Shmerling RH, Oatis CA, Hannan MT. Mediating Effect of Physical Activity in Knee Osteoarthritis (OA) and Risk of Falls in Older Adults. Gerontological Society of America. Boston, MA; November 22. Podium. The Gerontologist 2011;51(Suppl 2):628.
- 2013: **Nguyen US**, Zhang Y, Niu J, Shmerling RH, Kiel DP, Leveille SG, Oatis CA, Hannan MT. Does Foot Pain Mediate The Effect Of Knee Osteoarthritis and Risk Of Indoor and Outdoor Falls In Older Men and Women? American College of Rheumatology-Association of Rheumatology Health Professionals. San Diego, CA; October 28. Podium. Arthritis Rheumatol 2013;65(10 Suppl):S751.
- 2013: Shakoor N, Felson DT, Niu J, Segal NA, **Nguyen US**, Singh JA, Nevitt MC. The association of knee buckling with vibratory perception and muscle strength: the Multicenter Osteoarthritis Study. Arthritis Rheumatol 2013;65(10 Suppl):S103-104.
- 2013: White DK, Neogi T, Niu J, **Nguyen US**, Felson DT, Wise BL, Lewis CE, Nevitt MC, Torner J, Zhang Y. The association of worsening structural disease with trajectories of decline in physical function in knee osteoarthritis: results from two cohort studies. Arthritis Rheumatol 2013;65(10 Suppl):S355.
- 2014: **Nguyen US**, Ayers D, Li W, Harrold L, Franklin P. Pre-Operative Pain and Function: Profiles of Patients Selected for Total Knee Replacement Among Surgeons in the United States. American College of Rheumatology-Association of Rheumatology Health Professionals. Boston, MA. November 16. Poster. Arthritis Rheumatol 2014;66(11 Suppl):S81.
- 2014: **Nguyen US**, Louie-Gao Q, Zhang Y, Felson DT, Lavalley MP, Choi H. Obesity Paradox in Recurrent Gout—a Metrolological Clarification and Remedy. American College of Rheumatology-Association of Rheumatology Health Professionals. Boston, MA. November 17. Podium. Arthritis Rheumatol 2014;66(11 Suppl):S825.

- 2014: Louie-Gao Q, Choi HK, Felson DT, Neogi T, **Nguyen USDT**, Lu N, Zhang Y. Obesity paradox in osteoarthritis progression—What effects are we measuring? *Arthritis Rheumatol* 2014;66(11 Suppl):S433.
- 2015: **Nguyen USDT**, Zhang Y, Lu N, Louie-Gao Q, Niu J, Felson DT, LaValley MP, Love TL, Dubreuil M, Sparks JA, Karlson EW, Choi HK. The Smoking Paradox in the Development of Psoriatic Arthritis Among Psoriasis Patients [abstract]. American College of Rheumatology-Association of Rheumatology Health Professionals. San Francisco, CA; Nov 10, 2015. Podium. *Arthritis Rheumatol* 2015; 67 (suppl 10). <http://acrabstracts.org/abstract/the-smoking-paradox-in-the-development-of-psoriatic-arthritis-among-psoriasis-patients/>.
- 2015: **Nguyen USDT**, Zhang Y, Lu N, Niu J, Felson DT, LaValley MP, Sparks JA, Chang SC, Karlson EW, Choi HK. The Smoking Paradox in the Development of Myocardial Infarction Among Rheumatoid Arthritis Patients. American College of Rheumatology-Association of Rheumatology Health Professionals. San Francisco, CA; Nov 9, 2015. Podium. *Arthritis Rheumatol* 2015; 67 (suppl 10). <http://acrabstracts.org/abstract/the-smoking-paradox-in-the-development-of-myocardial-infarction-among-rheumatoid-arthritis-patients/>.
- 2015: **Nguyen USDT**, Ayers D, Li W, Harrold L, Franklin P. 6-Month Change in Pain and Function By Pre-Surgery Pain and Function Among Patients Selected for Total Knee Replacement in the United States. American College of Rheumatology-Association of Rheumatology Health Professionals. San Francisco, CA; Nov 9, 2015. Poster. *Arthritis Rheumatol* 2015;67 (suppl 10). <http://acrabstracts.org/abstract/6-month-change-in-pain-and-function-by-pre-surgery-pain-and-function-among-patients-selected-for-total-knee-replacement-in-the-united-states/>.
- 2015: Rai SK, McCormick N, **Nguyen USDT**, Zhang Y, Sparks JA, Karlson EW, Choi HK. What Is the Impact of Smoking on the Risk of Rheumatoid Arthritis Progression: A Systematic Review of the Risk Factor Paradox. American College of Rheumatology-Association of Rheumatology Health Professionals. San Francisco, CA; Nov 9, 2015. Poster. *Arthritis Rheumatol* 2015; 67 (suppl 10). <http://acrabstracts.org/abstract/what-is-the-impact-of-smoking-on-the-risk-of-rheumatoid-arthritis-progression-a-systematic-review-of-the-risk-factor-paradox/>.
- 2015: Sparks JA, **Nguyen USDT**, Chang SC, Zhang Y, Choi H, Karlson EW. Smoking Behavior Changes after Rheumatoid Arthritis Diagnosis and Risk of Mortality during 36 Years of Prospective Follow-up. American College of Rheumatology-Association of Rheumatology Health Professionals. San Francisco, CA; Nov 8, 2015. Podium. *Arthritis Rheumatol* 2015; 67 (suppl 10). <http://acrabstracts.org/abstract/smoking-behavior-changes-after-rheumatoid-arthritis-diagnosis-and-risk-of-mortality-during-36-years-of-prospective-follow-up/>.
- 2015: **Nguyen US**, Ayers D, Li W, Harrold L, Franklin P. Pre-operative Pain and Function: Profiles of Selected TKR Patients among US Surgeons. American Academy of Orthopaedic Surgeons (AAOS). Las Vegas, Nevada; March 24-28, 2015. Poster.
- 2016: **Nguyen USDT**, Zhang Y, Felson DT, LaValley MP, Choi HK. Sensitivity Analysis for the Smoking Paradox in the Development of Psoriatic Arthritis Among Psoriasis Patients. American College of Rheumatology-Association of Rheumatology Health Professionals. Washington DC, Nov 16. Podium. *Arthritis Rheumatol*. 2016; 68 (suppl 10). <http://acrabstracts.org/abstract/sensitivity-analysis-for-the-smoking-paradox-in-the-development-of-psoriatic-arthritis-among-psoriasis-patients/>.
- 2016: Sparks JA, Chang SC, **Nguyen US**, Barbhैया M, Tedeschi SK, Lu B, Kreps DJ, Costenbader KH, Zhang Y, Choi HK, Karlson EW. Weight loss in the early rheumatoid arthritis period is associated with subsequent increased mortality in RA patients and matched comparators: evidence against an RA-specific obesity paradox. American College of Rheumatology-Association of Rheumatology Health Professionals. Washington DC, Nov 16. *Arthritis Rheumatol* 2016;68(suppl 10): <http://acrabstracts.org/abstract/weight-loss-in-the-early-rheumatoid-arthritis-period-is-associated-with-subsequent-increased-mortality-in-ra-patients-and-matched-comparators-evidence-against-an-ra-specific-obesity-paradox>
- 2016: **Nguyen USDT**, Porter A, Li W, Yang W, Ayers DC, and Franklin PD. Racial Differences and the

- Impact of Adjusting for Covariates in Assessing the Effectiveness of Total Knee Arthroplasty (TKA) on Postoperative Pain and Function. Movement Is Life Caucus, Washington D.C.; Nov 10-11, 2016. Poster.
- 2017: **Nguyen USDT**, Li W, Yang W, Ayers DC, and Franklin PD. Impact of race, education, and income on pain and function after total knee arthroplasty (TKA). Movement Is Life Caucus, Washington D.C.; Nov 9-10,2017. Poster.
- 2017: Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Robin P, Hoffmeyer P, Lübbecke A. Total Hip Arthroplasty in Patients of Different Education Level: Baseline Characteristics and 1-Year Outcomes. 2017 American Academy of Orthopaedic Surgeons, San Diego, CA; Mar 14-18, 2017. Podium.
- 2018: Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Robin P, Hoffmeyer P, Lübbecke A. Patients with lower education level undergo primary THA with more severe symptoms, more co-morbidities and at an older age. 2018 International Society of Arthroplasty Registries (submitted).
- 2018: Lasceski C, Latario L, Jo J, **Nguyen U**, Swart E. Aggressive Non-Operative Treatment of Tibia Fractures: An Evidence-Based Argument for Contemporary Cost Effective Care. Orthopaedic Trauma Association Annual Scientific Meeting Orlando, FL; October 19, 2018. Podium.
- 2018: Wei J, Chao Z, **Nguyen US**, Zhang Y. Racial Disparities in Utilization of Knee Replacement: Data from the Osteoarthritis Initiative. American College of Rheumatology-Association of Rheumatology Health Professionals. Chicago, IL; October 14, 2018. Podium.
- 2018: Quach L, Ward R, **Nguyen US**, Gagnon D. Falls among older American men: the role of pain and military experiences in the health and retirement study. Gerontological Society of America. Boston, MA; November 14, 2018. Poster.
- 2019: Lee J, **Nguyen US**. Workshop 208-How to Apply Statistics to Your Research. American College of Rheumatology-Association of Rheumatology Health Professionals. Atlanta, GA (2019). Presentation.
- 2020: NA- COVID-19 Pandemic
- 2021: Garg A, Galvin AM, Akpan I, Agovi AMA, **Nguyen US**, Thompson, EL. Knowledge, Attitudes, and Beliefs about the Prevention of HPV-Related Cancers in Persons Living with HIV: A Systematic Review. American Public Health Association Conference, Denver, CO (2021, Accepted). Poster.
- 2021: Ngo QM, Gliske K, Roy M, **Nguyen US**, Sen S. Leveraging Electronic Medical Records to Understand Alcohol and Opioid Use, Gender and Risk for Relapse Over the Lifespan. Research Society on Alcoholism/International Society for Biomedical Research on Alcoholism. 2021 June supplement. Poster.
- 2021: Quach L, Pham V, **Nguyen US**, Burr J. Race, Ethnicity and Social Engagement among Community-Dwelling Older Adults. Society for Gerontological Research (submitted).
- 2021: Tan ZQ, Mun EY, **Nguyen USDT**, Walters S. A Longitudinal Study Of Permanent Supportive Housing Residents: Increase In Social Support Co-Occurring With Decrease In Depressive Symptoms And Substance Use Problems. Research Society on Alcoholism/International Society for Biomedical Research on Alcoholism. 2021 June supplement. Poster.
- 2021: Zielke C, Peeri N, **Nguyen US**. The Association of Pain and Sleep in Relation to Depressive Symptoms among Older Adults with Arthritis. American College of Rheumatology 2021. Poster.
- 2022: Garg A, **Nguyen US**, Lunningham J, Thompson EL. Exploring the role of race/ethnicity and social determinants in HPV vaccination among vaccine-eligible adults in the U.S.: National Health Interview Survey, 2017-2019. American Public Health Association 2022 Annual Meeting. Boston, MA. (submitted)
- 2022: Quach L, Vu C, Tran I, Peeri N, **Nguyen USDT**. Impact of Gender on Association between Race

& Disability: The California Health Interview Survey (CHIS). Gerontological Society of America (submitted)

International Scientific Meetings (Peer Reviewed) & Abstracts

- 2015: **Nguyen US**, Ayers DC, Li W, Harrold L, Franklin PD. Profiles of pre-operative pain and function in patients receiving THRs: A US national cohort (2011-2014). 4th International Congress of Arthroplasty Registries. Gothenburg, Sweden. May 24. Podium.
- 2015: **Nguyen US**, Ayers DC, Li W, Harrold L, Franklin PD. Profiles of pre-operative pain and function in patients selected for total hip replacements among US surgeons. World Congress on Osteoarthritis (OARSI). Seattle, Washington. May 1-2, 2015. Poster. Osteoarthritis and Cartilage 2015;23(S2):A410-11.
- 2016: Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Peter P, Hoffmeyer P, Lübbecke A. Total hip arthroplasty in patients of different education level: Baseline characteristics and 1-year outcomes (selected for poster tour). European Federation of National Associations of Orthopaedics and Traumatology. Geneva, Switzerland. June 1 -3.
- 2016: **Nguyen USD**, Perneger T, Franklin P, Barea C, Hoffmeyer P, Lubbeke A. Total Hip Arthroplasty and Mental Health Status. World Congress on Osteoarthritis (OARSI). Amsterdam, The Netherlands. April 1-2, 2016. Poster. Osteoarthritis and Cartilage 2016;24(S2).

Invited Presentations

- 2015: **Nguyen US**, Ayers D, Li W, Harrold L, Franklin P. Pre-Operative Pain and Function: Profiles of Patients Selected for Total Knee Replacement Among Surgeons in the United States. **NIH/NINDS** the 10th Annual Symposium on Advances in Pain Research. May 26th and 27th, 2015, NIH Campus in Bethesda, MD. Poster.
- 2015: **Nguyen US**. Risk Factor Paradox. Hôpitaux Universitaires de Genève, Service de Chirurgie orthopédique et traumatology de l'appareil moteur. June 15, 2015. Oral presentation.

SERVICES: NATIONAL LEVEL

- 2021: NIH Grant Reviewer, Section of Community Influences on Health Behavior
2021: NIH NIMHD Immigrant Health Grantee Conference

SERVICES: SCHOOL, DEPARTMENTAL & ADMINISTRATIVE

- 2010-2011: Co-coordinator of the Research Evaluation and Support Core Unit (RESCU)
Boston University School of Medicine, Boston, MA
Department of Medicine, Clinical Epidemiology Research & Training Unit
- 2011-2013: Co-coordinator, Clinical Epidemiology Research and Training Unit Journal Club
Boston University School of Medicine, Boston, MA
Clinical Epidemiology Research & Training Unit
- 2011-2013: Coordinator, Epidemiologic Methods Journal Club
Boston University School of Medicine, Boston, MA
Clinical Epidemiology Research & Training Unit
- 2016-2019: Member, Committee on Scientific & Research Affairs
UMass Medical School
Worcester, MA
- 2019-present: Member, Promotion & Tenure Committee
University of North Texas Health Science Center
School of Public Health
- 2019-2021: Member, Curricular Sub-Committee
University of North Texas Health Science Center

- School of Public Health, Department of Biostatistics & Epidemiology
- 2019-2021: Member, Grievance & Appeal Committee
University of North Texas Health Science Center
- 2020-present: Member, Academic Community Partnership Advisory Committee
University of North Texas Health Science Center
School of Public Health, Department of Biostatistics & Epidemiology
- 2021-present: Member, Faculty Senate
University of North Texas Health Science Center

SERVICES: COMMUNITY

- 2004-2006: Instructor: Vietnamese Language Program, Claremont, CA
- 2009-2010: Science Fair Judge, Newton Country Day School, Newton, MA
- 2009-2019: Instructor: Vietnamese Language Program
Instructor: English as a Second Language Program
Randolph, MA
- 2016-2018: Commissioner, Commonwealth of Massachusetts Asian American Commission
Member, Health and Human Services Committee
Member, Young Leaders Symposium Planning Committee
Co-Chair, 2017 Young Leaders Symposium Planning Committee
- 2019-present: Vietnamese-American Community of Dallas Fort Worth Metroplex