

CURRICULUM VITAE
Uyen-Sa D. T. Nguyen, DSc, MPH
Associate Professor

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(Updated 02/04/2025)

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 of Epidemiology University of North Texas Health Science Center College of Public Health Department of Population & Community Health, Fort Worth, TX
2013-2019:	Assistant Professor of Medicine 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
2008-2010:	National Institute on Aging Diversity Supplement
2008:	National Institute on Aging Summer Institute on Aging Research, Queenstown, MD

PROFESSIONAL DEVELOPMENT

2019-2023: 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: Sigma Xi Scientific Research Honor Society; American Public Health Association (APHA); Delta Omega Honor Society of Public Health; American College of Rheumatology/Association of Rheumatology Professionals (ACR/ARP); Gerontological Society of America (GSA); Society for Epidemiologic Research (SER);

PROFESSIONAL COMMITTEE SERVICE:

2024-present: American College of Rheumatology/Association of Rheumatology Professionals Committee on Training

2021-2024: American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting Planning Committee, ARP Interprofessional Abstract Chair

2020-2021: 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 Lead (Epidemiology and Public Health)

2012-2024: ACR/ARP Annual Scientific Meeting Abstract Reviewer, Session Moderator

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

EDITORIAL ACTIVITIES (AD-HOC REVIEWER):

Arthritis Care & Research (2019 Top Grade Reviewer Recognition); Annals of Internal Medicine (2013 & 2014 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

Intermediate Epidemiology, EPID 5310

Advanced Methods in Epidemiology I, EPID 6310

Advanced Methods in Epidemiology II, EPID 6312

Measurement Theory & Scale Development, EPID 6330

ADVISING, SUPERVISING OR MENTORING

Date	Student	Program	Outcome
SUPERVISING			
2021-present	Rohit Balasundaram	PhD	Advising, Manuscripts
2021-present	Sarpong Boateng	PhD	Advising, Manuscripts
2020-2022	Noah Peeri	PhD	Post-Doc Fellow (Memorial Sloan Kettering, NY)
2020-2021	Cameron Zielke	MS	PhD Epi (Univ. of IL, CHI; manuscript revision)
MENTORING			
2022-2025	Shanshan Wang	PhD	Manuscripts
2021-2022	Esther Annan	PhD	Post-Doc Fellow (Princeton Univ., NJ)
2020-2022	Ashvita Garg	PhD	Post-Doc Fellow (Medical Univ. of SC, SC)
2020-2022	Jonathan Moore	PhD	Post-Doc fellow (Univ. of Idaho)
2019-2020	Zhengqi Tan	PhD	Manuscript
RESEARCH			
2024-present	Brittany Krenek-Schneider	PhD	Manuscript
2024-present	Edna P. Mendoza	PhD	Manuscript
2024	Hsu Warrington Wen	PhD	External PhD Dissertation Committee Reviewer, University of Hong Kong
	Qiang		
2024	Poojan Patel	TCOM	MSTAR (Aging Research - manuscript in progress)
2024	Evan Chung	TCU	Manuscript in progress
2020-2024	Ngoc Nguyen	DO MPH	SER Abstract, manuscripts under review, in progress
2021-2024	Christine Vu	MPH	GSA/SER Abstracts, manuscripts in progress
2022-2024	Alyssa Patterson	MPH	Manuscript under review
2020	Qui Yue	MMS	External MS Thesis Reviewer, University of Hong Kong

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL

TEACHING RESPONSIBILITIES

2018: CAPSTONE Reviewer and Research Mentoring: 6 students
Lecturer: guest lecture on 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 total knee arthroplasty utilization

2013-2016: Lecturer: Orthopedic Summer Research Program
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****HSC REAP**

(PI: Nguyen, U.)

April 2024 - Mar 2025

New Investigator Pilot Grants Program

The purpose of this project was to translate and pilot-test translated questionnaires for osteoarthritis, rheumatoid arthritis, lupus, spondyloarthritis, and gout in a small sample of Viet-Americans with rheumatic diseases.

HSC REAP

(PI: Garfield, T.)

April 2024 - Mar 2025

Early Career Investigator Pilot Grants Program

The purpose of this project was to advance whole health for the older patients.

Role: Co-I (3.0% FTE)

Vimient/Clear Wellness

(PI: Camp, K)

April 2024 - Oct 2025

Impact of Vimient Connect Service

To examine the impact of health coaching on health outcomes in older adults in independent living communities.

Role: Co-I (15% FTE)

U of OK HSC Harold Ham Diabetes Center

(PI: Nguyen, A.)

Aug 2024 - July 2025

Implementing A Culturally Adapted mHealth Intervention at Community Clinics

To improve the management of diabetes in Viet-Americans living in DFW and Houston

Role: Co-I (2.5% FTE, In-Kind Support)

UNDER REVIEW**NIH/NIEHS R21 ESO36679**

(PI: Haque, U.)

2024 - 2028

ICECAP: Investigation of Cold-Exposure and Public Health Impacts in Ukraine

The objectives of this project were to examine the long-term consequences of patients who suffered hypothermia and cold-related injuries during the winters of the Russia-Ukraine war, and the role of resiliency.

Role: Co- I

NIH/NIMHD

(PI: Nguyen, A.)

2024 - 2025

Leveraging Health Information Technology to Improve Diabetes Care among Vietnamese Populations

To evaluate the effectiveness and utility of a fully automated messaging intervention using a cluster randomized controlled trial (cRCT) design to improve the management of diabetes in Viet-Americans.

Role: Subaward PI (15% FTE)

NIH

(P.I.: Mun, EY)

2025 – 2030

Enhancing Scalability and Reproducibility in Social and Behavioral Health Sciences through Advanced Data Analytics Training, (pending IRG review) T32 000000-00, \$1,239,000

Role: Faculty Mentor

COMPLETED**NIH/NIMHD R21 MD013542-01**

(PI: Nguyen, U.)

09/01/2020-08/31/2023 NCE

VietAmerican Health Pilot Study

\$415,296

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.

Effort: 15%

NIH/NIA R21 AG068772

(PI: Demissie, S.)

09/01/2020-12/31/2023 NCE

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 (10% FTE)

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

*STUDENTS OR FELLOWS I MENTORED, **STUDENTS I SUPERVISE(D)

1. Nguyen A, Eschiti V, Nagykaldi Z, Bui TC, **Nguyen US**, Nguyen T, Nguyen L, Tow J, Dwyer K. Cultural Adaptation of an mHealth Intervention for Diabetes Self-Management: An Ecological Validity Model Approach. *Journal of Transcultural Nursing* (accepted).
2. Banack HR, Rosella LC, Shiao S, Howe CJ, Martinez-Amezcua P, Fox MP, Adar SD, Harville EW, Young HA, Bassiouni SS, McBurney SH, Swift SL, Miller WC, Strickland MJ, Marino FR, Ehrhardt S, Pinney SM, Olola OO, Prins C, Zagarins SE, Haw NJL, Pollack AZ, Park SK, Goldmann E, Henkle EM, Kapadia F, Odegaard AO, **Nguyen USDT**, Oldenburg CE, Lesko CR. Defining methodologic and other core competencies for PhD-level training in epidemiology. *Am J Epidemiol* (accepted).
3. Balasundaram RB**, Boateng S**, Yockey RA, Yording H, Tran D, **Nguyen UDT**. Oral health literacy, knowledge, practice and beliefs among Asian Americans: A scoping review. *Community Dent Oral Epidemiol*. 2024 Jun 23. doi: 10.1111/cdoe.12988. Epub ahead of print. PMID: 38922997.
4. **Nguyen UDT**, Sanders FR, Martin KR. Sex difference in OA: Should we blame estrogen? *Eur J Rheumatol*. 2024;11(suppl 1):S7-S14.
5. Wang S*, Rossheim ME, Nandy RR, **Nguyen US**. Interaction between sleep duration and trouble sleeping on depressive symptoms among U.S. adults, NHANES 2015-2018. *Journal of Affective Disorder* 2024 Jan

30:351:285-292. doi: 10.1016/j.jad.2024.01.260. Online ahead of print.

6. Bukhari MH, Shad MY, **Nguyen UDT**, Treviño C JA, Jung W, Bajwa WU, Gallego-Hernández AL, Robinson R, Corral-Frías NS, Hamer GL, Wang P, Annan E, Ra CK, Keellings D, Haque U. A Bayesian spatiotemporal approach to modeling arboviral diseases in Mexico. *Trans R Soc Trop Med Hyg*. 2023 Dec 4;117(12):867-874. doi: 10.1093/trstmh/trt064. PubMed PMID: 37681342.
7. Moore JD*, **Nguyen UDT**, Ojha RP, Griner SB, Thompson EL. Physician-level determinants of HCV screening during pregnancy in a U.S. sample. *Arch Gynecol Obstet*. 2023 Jul 16;. doi: 10.1007/s00404-023-07146-x. [Epub ahead of print] PubMed PMID: 37454352.
8. Annan E*, **Nguyen UDT**, Treviño J, Yaacob WFW, Mangla S, Pathak AK, Nandy R, Haque U. Moderation effects of serotype on dengue severity across pregnancy status in Mexico. *BMC Infectious Diseases* 2023 Mar 10;23(1):147. doi: 10.1186/s12879-023-08051-z.
9. Tao MH, Liu JL, **Nguyen UDT**. Trends in Diet Quality by Race/Ethnicity among Adults in the United States for 2011-2018. *Nutrients* 2022; 14(19). [doi:10.3390/nu14194178](https://doi.org/10.3390/nu14194178).
10. Haque U, Naeem A, Wang S*, Espinoza J, Holovanova I, Gutor T, Bazyka D, Galindo R, Sharma S, Kaidashev IP, Chumachenko D, Linnikov S, Annan E*, Lubinda J, Korol N, Bazyka K, Zhyvotovska L, Zimenkovsky A, **Nguyen UDT**. The human toll and humanitarian crisis of the Russia-Ukraine War: The first 162 days. *BMJ Global Health* 2022 Sep;7(9):e009550. doi: 10.1136/bmjgh-2022-009550.
11. Dong B, Khan L, Smith M, Trevino J, Zhao B, Hamer GL, Lopez-Lemus UA, 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 (Lond)* 2022; 2, 134. [doi:10.1038/s43856-022-00192-7](https://doi.org/10.1038/s43856-022-00192-7).
12. Baghbanzadeh M, Smith M, Pilz J, Rahman MS, Karamehic-Muratovic A, Garg A*, Annan E*, **Nguyen UDT**, 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* 2022;107(5):1066-1073. doi: 10.4269/ajtmh.22-0107.
13. Annan E*, Guo J, Angulo-Molina A, Yaacob WFW, Aghamohammadi N, C Guetterman T, Yavaşoğlu 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;49, 102360. doi: 10.1016/j.tmaid.2022.102360. Epub ahead of print. PMID: 35644475.
14. 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.
15. Gonzalez A, **Nguyen UDT**, Franklin P, Barea C, Hannouche D, Lübbeke A. 1-year trajectories of patients undergoing primary total hip arthroplasty: Patient reported outcomes and resource needs according to education level. *BMC Musculoskeletal Disord* 2022;23,84. <https://doi.org/10.1186/s12891-022-05004-6>.
16. 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.
17. Mangla S, Zohra Makkia FT, Pathak AK, Robinson R, Sultana N, Koonisetty KS, Karamehic- 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>.
18. 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>.
19. 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.
20. 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.

21. 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>.
22. 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.
23. Shrestha N, Shad MY, Ulvi O, Khan MH, Karamehic-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.
24. 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.
25. 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.
26. **Nguyen UDT**, Perneger T, Franklin PD, Barea C, Hoffmeyer P, Lübbeke 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.
27. Sparks JA, Chang SC, **Nguyen UDT**, Barbhayya 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.
28. **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](#)
29. Sparks JA, Chang SC, **Nguyen UDT**, Barbhayya 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.
30. 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.
31. 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.
32. **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.
33. **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.

34. 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>. PMID: PMC4958545.

35. 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.

36. 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.

37. **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.

38. 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

39. **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.

40. **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.

41. **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.

42. 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.

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BOOK CHAPTER

59. **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).

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

60. **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>.

61. 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.

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Michaud. *Arthritis Care Res (Hoboken)*. 2013 May; 65(5):834-5. PMCID: PMC4178945.

MANUSCRIPTS UNDER REVIEW OR IN REVISION

65. **Nguyen UDT**, Hahm C, Boateng S**, Tran PK, Gururaghavendran R, Cozier Y. The association between perceived discrimination and body mass index among Asian women. *SSM - Population Health* (under review).
66. Patterson AV*, Yockey RA, **Nguyen UDT**. Oral health disparities among sexual minority individuals in the U.S., 2007-2016. *J of Public Health Dentistry* (under review).
67. Naeem A, Sikder I, Wang S, Barrett E, Fiedler N, Ahmad M, **Nguyen UDT**, Martsenkovskyi D, Holovanova I, Hicks MHR, Haque U. Parent-child Mental Health in Ukraine in Relation to War Trauma and Drone Attacks. *Comprehensive Psychiatry* (under review).
68. Peeri NC**, Tao MH, Nguyen N*, Balasundaram RB**, Truong CH, **Nguyen UDT**. Trends of dental caries and diabetes in the US from 2011-2018, by race/ethnicity. *BMC Public Health* (under review).

MANUSCRIPTS IN PROGRESS

69. **Nguyen UDT**, Tran TV, Li W, Zhang Y, Spence E, Wagner R, Nguyen NB*, Vu C*, Pham A, Franklin PD. The Viet-American Health Pilot Study: A Feasibility Study.
70. **Nguyen UDT**, Tran TV, Li W, Zhang Y, Spence E, Wagner R, Nguyen NB*, Vu C*, Pham A, Franklin PD. Depressive Symptoms in the Viet-American Health Pilot Study.
71. Balasundaram RB**, Krenek-Schneider B*, Mendoza EP*, Patel AD*, Quach L, **Nguyen UDT**. Trajectories of Falls and Associated Factors Among Adults 65 and Older: Insights from the Health and Retirement Study.
72. Balasundaram R**, Maliq NN, Alkhathib SA, Krenek BN*, **Nguyen US**. Association between acculturation and dental caries among Asian children aged 1-17 living in the United States.
73. Quach L, Vu C*, Peeri N**, **Nguyen UDT**. Influence of gender on the association between race and disability: California Health Interview Survey.
74. **Nguyen UDT**, Li W, Zhang Y, Spence E, Wagner R, Nguyen NB*, Vu C*, Pham A, Tran TV, Franklin PD. The DFW Viet-American Health Pilot Study.
75. Wang S*, **Nguyen US**, Hall JR, Petersen M, O'Bryant SE, Nandy RR. The effect of comorbidities on Alzheimer's disease/cognition by race/ethnicity and the mediating role of AD pathologies measured by blood biomarkers.
76. Zielke C**, Peeri NC**, Quach L, **Nguyen USDT**. The Association of Pain and Sleep in Relation to Depressive Symptoms among Older Adults with Arthritis.

INVITED LECTURES AND PRESENTATIONS

Local

- 2025 Krenek-Schneider B, Balasundaram RB, Mendoza EP, Patel AD, Quach L, **Nguyen UDT**. Trajectories of Falls and Associated Factors Among Adults 65 and Older: Insights from the Health and Retirement Study. Research Appreciation Day, University of North Texas Health Science Center (Poster).
- 2024 Balasundaram R**, Maliq NN, Alkhathib SA, **Nguyen US**. Association between acculturation and dental caries among Asian children aged 1-17 living in the United States. Research Appreciation Day, University of North Texas Health Science Center (Poster).
- 2023 Nguyen N*, Vu C*, Li W, Zhang Y, Spence E, Wagner R, Pham A, Tran T, Franklin P, **Nguyen U**. Preliminary Results from the DFW Viet-American Health Pilot Study. Research Appreciation Day, University of North Texas Health Science Center (Poster, 1st prize Community Engaged Research).
- 2023 Patterson AV*, **Nguyen USDT**, Yockey RA. Oral health disparities among LGB and non-LGB individuals in the United States, 2007-2016. Research Appreciation Day, University of North Texas Health Science Center (Poster).
- 2023 Vu C*, **Nguyen UDT**, Peeri N**, Quach L. Influence of gender on the association between race and disability: The California Health Interview Survey. Research Appreciation Day, University of North Texas Health Science Center (Poster).
- 2021 Zielke C**, Peeri N**, **Nguyen US**. The Association of Pain and Sleep in Relation to Depressive Symptoms among Older Adults with Arthritis. Research Appreciation Day, University of North Texas Health Science

Center (Poster).

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.

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.

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.

2012 University of Massachusetts Medical School, Department of Orthopedics and Physical Rehabilitation, Worcester, MA. Knee Osteoarthritis: Trends and Consequences.

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.

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.

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 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 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.

National Scientific Meetings (Peer Reviewed) & Abstracts

2024 Balasundaram RB**, Krenek-Schneider B*, Mendoza EP*, Patel AD*, Quach L, Nguyen UDT. Trajectories of Falls and Associated Factors Among Adults 65 and Older: Insights from the Health and Retirement Study. 2024 Gerontological Society of America Annual Scientific Meeting, Seattle, WA; Nov 20, 2024 (Podium).

2024 Eschiti V, Nguyen A, Nagykaldi Z, Bui TC, **Nguyen US**, Nguyen T, Nguyen A, Tow J, Dwyer K. Cultural adaptation of an mHealth intervention for diabetes self-management: A futurist approach with the Ecological Validity Model. Poster presentation at 50th Annual Transcultural Nursing Society Conference; October 23-26, 2024; Salt Lake City, UT (Poster).

2024 Balasundaram R**, Maliq NN, Alkhatib SA, Krenek BN, **Nguyen US**. Association between acculturation and dental caries among Asian children aged 1-17 living in the United States. American Public Health Association 2024 Annual Meeting, Minneapolis, MN, United States (Poster).

2024 Nguyen A, **Nguyen US**, Nagykaldi Z, Bui T, Chen S, Nguyen T, Nguyen A, Dwyer K. Implementing a culturally adapted mhealth intervention in primary care clinics. Association of Diabetes Care & Education Specialists Annual Conference. New Orleans, LA, on August 9-12, 2024 (Poster).

2024 Balasundaram R**, Maliq NN, Alkhatib SA, **Nguyen US**. Association between acculturation and dental caries among Asian children aged 1-17 living in the United States. Society for Epidemiologic Research 2024 Annual Meeting, Austin, TX, United States. June 18, 2024 (Poster).

2024 Wang S*, Rossheim ME, Nandy RR, **Nguyen US**. Interaction between sleep duration and trouble sleeping on depressive symptoms among U.S. adults, NHANES 2015-2018. SLEEP Annual Meeting June 5, 2024; Houston, Texas (Poster).

2024 Boateng S**, Hahm HC, Tran PK, Gururaghavendran R, **Nguyen U**, Cozier Y. (2023). The Association between Perceived Discrimination and Body Mass Index Among Asian Women. ePoster presentation at the Society for Social Work and Research (SSWR) 28th Annual Conference, January 13, 2024. Washington, DC (Poster).

2023 Boateng S**, Hahm HC, Tran PH, Gururaghavendran R, **Nguyen US**, Cozier Y. The Association Between Perceived Discrimination and Body Mass Index Among Asian Women. Society of Epidemiologic Research. Portland, OR, June (Podium).

2023 Boateng S**, Hahm HC, Tran PK, Gururaghavendran R, **Nguyen U**, Cozier Y. The Association between Perceived Discrimination and Body Mass Index Among Asian Women. 2023 American Association of Public Health Annual Conference, November 12, 2023. Washington, DC (Poster).

2023 Nguyen N*, Li W, Zhang Y, Spence E, Wagner R, Pham A, Vu C*, Tran T, Franklin P, **Nguyen U**. The DFW Viet-American Health Pilot Study. Diversity in Medicine Conference, University of Michigan. Ann Arbor, MI (Poster).

2023 **Nguyen U**, Li W, Zhang Y, Spence E, Wagner R, Nguyen N*, Vu C*, Pham A, Tran T, Franklin P, Prevalence, symptoms and awareness of knee osteoarthritis in Vietnamese (Viet)-Americans: The Viet-American Health Pilot Study. Society of Epidemiologic Research. Portland, OR, June (Poster).

2022 Boateng S**, Balasundaram R**, **Nguyen U**, Nandy R. Interaction of Racial and Gender Disparities in Salivary Gland Cancer Survival in the United States: A Surveillance Epidemiology and End Results Study. American Public Health Association Annual Meeting. Boston, MA (Poster).

2022 Garg A*, **Nguyen US**, Luningham 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. 2022 American Public Health Association Annual Meeting. Boston, MA (Poster).

2022 Quach L, Vu C*, Tran I, Peeri N**, **Nguyen UDT**. Impact of Gender on Association between Race & Disability: The California Health Interview Survey (CHIS). Gerontological Society of America Meeting. Indianapolis, IN (Podium).

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. 2021 American Public Health Association Conference, Denver, CO (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. Nov 2021 Virtual. Podium.

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. 2021 supplement. June Virtual (Poster).

2021 Zielke C**, Peeri N**, **Nguyen US**. The Association of Pain and Sleep in Relation to Depressive Symptoms among Older Adults with Arthritis. Nov 2021 American College of Rheumatology (Virtual Poster).

2020 NA. COVID-19 Pandemic.

2019 Lee J, **Nguyen US**. Workshop 208-How to Apply Statistics to Your Research. 2019 American College of Rheumatology-Association of Rheumatology Health Professionals. Atlanta, GA (Podium).

2018 Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Robin P, Hoffmeyer P, Lübbeke 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 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.

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.

2017 Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Robin P, Hoffmeyer P, Lübbeke 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.

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.

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.

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**, Barbhaiya 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>

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.

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 **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 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/>.

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.

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 Metrological Clarification and Remedy. American College of Rheumatology-Association of Rheumatology Health Professionals. Boston, MA. November 17. Podium. *Arthritis Rheumatol* 2014;66(11 Suppl):S825.

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.

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**, 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**, 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 **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.

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 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.

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.

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.

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.

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.

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. *Arthr Rheum* 2008; 57 (9 Suppl):S605.

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.

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.

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 **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.

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

International Scientific Meetings (Peer Reviewed) & Abstracts

2016 Gonzalez A, **Nguyen US**, Barea C, Christofilopoulos P, Franklin P, Peter P, Hoffmeyer P, Lübbeke 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).

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. May1-2, 2015. Poster. Osteoarthritis and Cartilage 2015;23(S2):A410-11.

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 AND INTERNATIONAL LEVEL

2024 NIH ad-hoc Grant Reviewer, Section on Arthritis, Connective Tissue, and Skin (ACTS)

2024 Hong Kong University external reviewer for PhD Dissertation

2024 Society for Epidemiologic Research, “Ask Me Anything” panelist for PhD students (5/8/24)

2022 NIH ad-hoc Reviewer, Section on Aging, Injury, Musculoskeletal and Rheumatologic Disorders (AIMR)

2022 Hong Kong University—invited as external reviewer for PhD Dissertation

2021 NIH ad-hoc Grant Reviewer, Section of Community Influences on Health Behavior

2021 NIH ad-hoc Grant Reviewer, Section on Neurological, Aging and Musculoskeletal Epidemiology

2021 NIH NIMHD Immigrant Health Grantee Conference

2020 Hong Kong University external reviewer for Qui Yue MS Thesis Reviewer

SCHOOL, DEPARTMENTAL & ADMINISTRATIVE SERVICES

2024-present University of North Texas Health Science Center
College of Public Health Curriculum Committee

2023-present University of North Texas Health Science Center
College of Public Health Faculty Development and Research Committee

2023-present University of North Texas Health Science Center

College of Public Health Community Corps Advisory Board

2021-present: Member, MS/PhD Admission Committee
University of North Texas Health Science Center
School of Public Health, Department of Population & Community Health

2021-2025: Member, Faculty Senate
University of North Texas Health Science Center

2020-2024: Member, Academic Community Partnership Advisory Committee
University of North Texas Health Science Center
School of Public Health, Department of Population & Community Health

2019-2024: 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

2016-2019: Member, Committee on Scientific & Research Affairs
UMass Medical School, Worcester, MA

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

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

COMMUNITY SERVICE

2024-present Board member, The Institute for Vietnamese USA, DFW, TX

2024-present Board member, Help Restore Ability, Arlington, TX

2019-2024: Vietnamese-American Community of Dallas Fort Worth Metroplex
Volunteer at health fairs, community events

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

2009-2019: Instructor: Vietnamese Language Program
Instructor: English as a Second Language Program, Randolph, MA

2009-2010: Science Fair Judge, Newton Country Day School, Newton, MA

2004-2006: Instructor: Vietnamese Language Program, Claremont, CA