

Nasir Mushtaq
College of Public Health
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EDUCATION

PhD	Epidemiology University of Oklahoma Health Sciences Center	May 2011 Oklahoma City, OK
	Dissertation Title: <i>Measuring Nicotine Dependence among Smokeless Tobacco Users</i> Laura Beebe (Chair), June Eichner, Deirdra Terrell, Donald McCaffree, Sara Vesely	
MPH	Epidemiology University of Oklahoma Health Sciences Center	May 2006 Oklahoma City, OK
MBBS (MD)	Rawalpindi Medical College	Oct 2001 Rawalpindi, Pakistan

PROFESSIONAL EXPERIENCE

ASSOCIATE PROFESSOR	George Kaiser Family Foundation Chair in Public Health Epidemiology <i>Department of Biostatistics and Epidemiology</i> University of Oklahoma Health Sciences Center	July 2018 – to date Tulsa, OK
ASSOCIATE PROFESSOR	<i>Department of Family and Community Medicine</i> <i>School of Community Medicine</i> University of Oklahoma –Tulsa	July 2018 – to date
ASSISTANT PROFESSOR	George Kaiser Family Foundation Chair in Public Health Epidemiology <i>Department of Biostatistics and Epidemiology</i> University of Oklahoma Health Sciences Center	Sept 2011 – June 2018 Tulsa, OK
ASSISTANT PROFESSOR	<i>Department of Family and Community Medicine</i> <i>School of Community Medicine</i> University of Oklahoma –Tulsa	Apr 2017 – June 2018
GRADUATE RESEARCH ASSISTANT	<i>Department of Biostatistics and Epidemiology</i> University of Oklahoma Health Sciences Center	Sept 2007 – May 2011 Oklahoma City, OK
INSTRUCTOR	<i>Department of Biostatistics and Epidemiology</i> University of Oklahoma Health Sciences Center	Summer 2007 and 2008 Oklahoma City, OK
GRADUATE TEACHING ASSISTANT	<i>Department of Biostatistics and Epidemiology</i> University of Oklahoma Health Sciences Center	Aug 2004 – Aug 2007 Oklahoma City, OK
MEDICAL RESIDENT	<i>Department of Internal Medicine</i> Federal Government Services Hospital	Nov 2001 – Nov 2002 Islamabad, PAKISTAN

PROFESSIONAL EXPERIENCE

CURRENT GRANTS/CONTRACT PROJECTS

Project: U54GM104938 - Oklahoma Shared Clinical and Translational Resources (OSCTR), Judith James (PI)

Funding Source: NIH/NIGMS

Start and End Date: July 1, 2018 – June 31, 2023

Role: Faculty Epidemiology (Biostatistics, Epidemiology and Research Design Core)

Project: 5S06GM123546-02 – Cherokee Nation Native American Research Center for Health, Sohail Khan (PI)

Funding Source: NIH

Start and End Date: August 1, 2020 – July 30, 2022

Role: Evaluator

Project: Evaluation of TSET-Funded Programs, Laura Beebe (PI)

Type of Project: Research

Funding Source: Oklahoma Tobacco Settlement Endowment Trust

Start and End Date: December 1, 2017 – June 30, 2022 (annually renewable)

Role: Investigator

Project: Data analysis to support tobacco surveillance and evaluation, Laura Beebe (PI)

Type of Project: Research

Funding Source: Oklahoma State Department of Health

Start and End Date: January 1, 2014 – June 30, 2019 (annually renewable)

Role: Investigator/Evaluator

Project: Attentional bias, effortful control, and childhood stuttering, (PI: Katerina Ntourou)

Funding Source: PHF

Start and End Date: July 1, 2020 – June 30, 2022

Role: Co-Investigator

PAST GRANTS

Project: U54GM104938 - Oklahoma Shared Clinical and Translational Resources (OSCTR), Judith James (PI)

Funding Source: NIH/NIGMS

Start and End Date: March 1, 2017 – June 30, 2018

Role: Director Training Unit (Biostatistics, Epidemiology and Research Design Core)

Project: U54GM104938 - Oklahoma Shared Clinical and Translational Resources (OSCTR), Judith James (PI)

Funding Source: NIH/NIGMS

Start and End Date: April 1, 2017 – June 30, 2018

Role: Director Training Unit (Biostatistics, Epidemiology and Research Design Core)

Project: Effect of Adverse Childhood Experiences of Parents on Incidence of Childhood Obesity in Their Children, Lamiaa Ali* (PI)

Funding Source: Morningcrest Healthcare Foundation

Start and End Date: July 1, 2017 – June 30, 2018

Role: Investigator/Biostatistician

Project: Evaluation of Tobacco Dependence Measures in South Asian Smokeless Tobacco Users, Mushtaq and Siddiqi (PI)

Funding Source: NHS Leeds/Leeds City Council, UK

Start and End Date: July 1, 2014 – June 30, 2015

Role: PI

Project: Determination of Oklahoma American Indian Preferred Smokeless Tobacco Cessation Strategies, Perceived Barriers, Facilitators, and Motivators, Valerie Eschiti (PI)

Funding Source: Oklahoma Tobacco Research Center

Start and End Date: July 1, 2013 – June 30, 2014

Role: Co-Investigator

HONORS AND AWARDS

- Outstanding Faculty Award for Teaching and Mentoring, Department of Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center 2016
- Outstanding Dissertation Award, University of Oklahoma Health Sciences Center 2012
- Outstanding Graduate (Epidemiology) Award, University of Oklahoma Health Sciences Center 2011
- Multicultural Award for Outstanding International Graduate, University of Oklahoma Health Sciences Center 2011
- Outstanding Academic Achievement Award, Graduate Student Association, University of Oklahoma Health Sciences Center 2011
- Scientific Achievement Award, Outstanding Oral Presentation Award, University of Oklahoma Health Sciences Center, Graduate Research Education and Symposium 2011
- Inducted as member of Delta Omega Honorary Society of Public Health (Xi Chapter) 2011
- Nominated for membership in the American Association for the Advancement of Science (AAAS) Science Program for Excellence in Science 2011
- Academic Scholarship, Oklahoma Public Health Association 2008
- Outstanding Member of HSC Counseling Services Advisory Board, University of Oklahoma Health Sciences Center 2008
- Outstanding Poster Presentation, Delta Omega Honorary Society (Xi Chapter) “Sociodemographic correlates of obstructive genitourinary defects” 2008
- Outstanding Clinical Science and Human Population Studies Oral Presentation, University of Oklahoma Health Sciences Center, Graduate Research Education and Symposium “Association of smokeless tobacco with increased risk of cardiovascular disease” 2007
- Outstanding Poster Presentation, Oklahoma Public Health Association “Smokeless tobacco and prevalence of cardiovascular disease” 2007
- Outstanding International Graduate, University of Oklahoma Health Sciences Center 2006
- MacNeal Scholarship, National Association of Local Boards of Health 2006

RESEARCH

Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center

Sept 2011 – to-date
Oklahoma City, OK

Involved with tobacco related quantitative and qualitative research
Data management, analysis, report writing, and program evaluation

Involved in collaborative research with SCM faculty and residents
Study design, analysis, and report writing

Prepared tobacco control research funding applications

Prepared reports summarized results of statistical analysis.

Prepared manuscripts and abstracts for publication and professional meetings.

Project: Determination of Oklahoma American Indian preferred smokeless tobacco cessation strategies, perceived barriers, facilitators, and motivators

Role: Co-Investigator

Funding Source: Oklahoma Tobacco Research Center (OTRC)

Project: Statistical and Epidemiologic Services Related to Tobacco Prevention Activities

Role: Investigator

Funding source: Oklahoma State Department of Health

Project: School of Community Medicine faculty and resident research collaboration

Role: Investigator

Graduate Research Assistant
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center

Sept 2007 – May 2011

Oklahoma City, OK

Involved with quantitative and qualitative research

Study design, developing surveys, creating and managing databases, data management and analysis, and report writing

Prepared reports summarized results of statistical analysis.

Prepared manuscripts and abstracts for publication and professional meetings.

Project: Measuring dependence among smokeless tobacco users

Role: Co-Investigator

Funding Source: Oklahoma Tobacco Research Center (OTRC)

Project: Tobacco control in the developing world

Analyzed tobacco surveillance data and related economic indicators to evaluate tobacco control efforts in Pakistan. Prepared manuscript for publication

Project: Determinants of concurrent tobacco use

Performed literature review, conducted analysis, and presented the results

Project: Study of health related messages in physician's offices

Developed and managed database, analyzed data, contributed in preparing report

Project: Communities of excellence in tobacco control

Managed data, performed analysis, and contributed to project reports

Project: Factors affecting breastfeeding initiation and duration

Performed qualitative research and prepared a literature review

Project Coordinator
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center

Oklahoma City, OK

Project: Oklahoma Tobacco Helpline Secret Shopper Project

Worked in collaboration with Oklahoma State Department of Health as project coordinator

Involved with qualitative research and program evaluation

Assisted PI in preparing study material

Coordinated study participants

Conducted regular telephone interviews and managed information obtained from the participants

Presented progress of the project to the collaborators

Graduate Intern (Practicum)
Tobacco Use Prevention Service
Oklahoma State Department of Health

Aug 2005 - May 2006

Oklahoma City, OK

Worked on Data from Behavioral Risk Factors Surveillance Surveys (BRFSS).

Extracted and managed data related to chronic diseases and tobacco use.
Developed study design to find association of smokeless tobacco use with chronic diseases
Performed statistical analysis
Prepared scientific reports based on the findings

Medical Resident (House Officer) Nov 2001 – Nov 2002
Department of Medicine
Federal Government Services Hospital Islamabad, Pakistan
Participated in research studies protocol development
Performed chart reviews to extract data related to research projects
Presented case reports

TEACHING

Instructor (Assistant Professor) Fall 2011 to-date
BSE 5113: Epidemiology and Prevention of Chronic Disease (3 credit hours)
BSE 5363: Principles of Epidemiology (3 credit hours)
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center Tulsa, OK
Graduate level courses focusing on the fundamental epidemiologic principles and their application to study chronic diseases.
- Developed course contents
- Taught graduate level (MPH/MD) students
- Lead discussions

Instructor (Assistant Professor) Spring 2016
BSE 5303: Epidemiology of Infectious Diseases (3 credit hours)
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center Tulsa, OK
The graduate level course focusing on the key concepts and methods of infectious disease epidemiology as used in public health practice and epidemiologic research.
- Developed course contents
- Taught graduate level (MPH/MD) students
- Lead discussions

Site Director (Primary Lecturer - Tulsa) Fall 2015 to-date
INDT 8303: Enrichment: Scholarly Research
School of Community Medicine
University of Oklahoma - Tulsa Tulsa, OK
The graduate level course for medical students focused on principles and methods of biostatistics and epidemiology which are used in medical research and directly impact clinical medicine.
- Lead class discussions

Lecturer Fall 2014 to-date
SCM Faculty Resident Research Skills
School of Community Medicine
University of Oklahoma - Tulsa
Participated in resident research curriculum development for Departments of Emergency Medicine, Internal Medicine, and Obstetrics and Gynecology. Delivered regular lectures and guest lectured on special research topics. Used traditional and flipped classroom formats for lectures.

Instructor Summer 2007 and Summer 2008
BSE 5023: Computer Applications in Public Health (3 credit hours)
Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center Oklahoma City, OK
The graduate level course focusing on the application of currently available hardware and software to common problems encountered in Public Health practice.

- Developed course contents
- Taught graduate level (MPH/MS) students
- Lead discussions

Guest Lecturer

BSE 5113: Principles of Epidemiology (3 credit hours)

Department of Biostatistics and Epidemiology
University of Oklahoma Health Sciences Center

Oklahoma City, OK

Topics:

Introduction to epidemiology study designs
Cohort study design
Case-control study design

Graduate Teaching Assistant

BSE 5163: Biostatistics Methods I (3 credit hours)

Fall 2004 – Spring 2006

BSE 5013: Application of Microcomputers to Data Analysis (3 credit hours)

Fall 2005

Assisted professor in conducting the course
Contributed in developing course contents (lectures, assignments, and quizzes)
Conducted study sessions
Graded assignments

Medical Resident (House Officer)

Nov 2001 – Nov 2002

Education and Training of Medical Residents and Interns

Department of Medicine
Federal Government Services Hospital

Islamabad, Pakistan

Conducted teaching sessions and bedside teaching of junior house officers and interns
Taught medical procedures and clinical skills
Discussed treatment plans and engaged in clinical reasoning
Provided feedback

PUBLICATIONS

1. Shahverdyan R, Beathard G, **Mushtaq N**, Litchfield TF, Nelson PR, Jennings WC. Comparison of Outcomes of Percutaneous Arteriovenous Fistulae Creation by Ellipsys and WavelinQ Devices. *J Vasc Interv Radiol.* 2020;31(9):1365-1372. PMID: 32792280
2. White K*, Truong L, Aaron K, **Mushtaq N**, Thornton PS. The Incidence and Etiology of Previously Undiagnosed Hypoglycemic Disorders in the Emergency Department. *Pediatr Emerg Care.* 2020;36(7):322-326. PMID: 30365409
3. Ntourou K, DeFranco EO, Conture EG, Walden TA, **Mushtaq N**. A parent-report scale of behavioral inhibition: Validation and application to preschool-age children who do and do not stutter. *J Fluency Disord.* 2020 Mar;63:105748. PMID: 32065916
4. **Mushtaq N**, Huque R, Beebe LA, Siddiqi K. Evaluation of tobacco dependence measures in South Asian smokeless tobacco users. *Drug Alcohol Depend* 2019 Oct;203:66-71. PMID: 31404851.
5. Jennings WC, Lou-Meda R, Mushtaq N, Mallios A, Méndez-Soveranis S, Sosa Tejada RE, Lucas JF 3rd, Gradman WS. Creating arteriovenous fistulas for children in Guatemala. *J Vasc Surg.* 2019 Nov;70(5):1635-1641. PMID: 31126771
6. Wetherill MS, **Mushtaq N**, McIntosh H, Kezbers K, Touchet B, Dunn K, Duncan A*, McCain M, Gordon JS. Associations between burnout and stress-related coping behaviors among medical students, residents, staff, and faculty: Implications for medical school wellness initiatives. *J Okla State Med Assoc.* 2019 Oct; 112(9): 340-348.

7. Rhoades RR, Beebe LA, **Mushtaq N**. Support for local tobacco policy in a preemptive state. *Int J Environ Res Public Health* 2019 Sept 12; 16(18). PMID: 6766053
8. Condren M, Carter J*, **Mushtaq N**, Puckett S*, Kezbers K, Sabet S, Morgan D. The impact of new guidelines on the prevalence of hypertension in children: A cross-sectional evaluation. *J Clin Hypertens (Greenwich)*. 2019 Apr;21(4):510-515. PMID: 30847994.
9. Khorgami Z*, Ewing KL, **Mushtaq N**, Chow GS, Howard CA. Predictors of discharge destination in patients with major traumatic injury: Analysis of Oklahoma Trauma Registry. *Am J Surg*. 2019 Sep;218(3):496-500. doi: 10.1016/j.amjsurg.2018.11.045. PMID: 30558804
10. Ackerman K*, Taylor SP, **Mushtaq N**, Carroll T. Pediatric Long-Term Endotracheal Intubation and Role for Tracheostomy: Patient and Provider Factors. *J Pediatr Intensive Care*. 2019 Jun;8(2):78-82. PMID: 31093459
11. Khorgami Z*, Hui BY, **Mushtaq N**, Chow GS, Sclabas GM. Predictors of mortality after elective ventral hernia repair: an analysis of national inpatient sample. *Hernia*. 2019 Oct;23(5):979-985. PMID: 30558804
12. Sood SB*, **Mushtaq N**, Brown K, Littlefield V, Barton RP. Neurally Adjusted Ventilatory Assist Is Associated with Greater Initial Extubation Success in Postoperative Congenital Heart Disease Patients when Compared to Conventional Mechanical Ventilation. *J Pediatr Intensive Care*. 2018 Sep;7(3):147-158. PMID: 31073487
13. Khorgami Z*, Fleischer WJ, Chen YA, **Mushtaq N**, Charles MS, Howard CA. Ten-year trends in traumatic injury mechanisms and outcomes: A trauma registry analysis. *American Journal of Surgery*. 2018 Apr;215(4):727-734. PMID: 29397887
14. Jennings WC, Mallios A, Mushtaq N. Proximal radial artery arteriovenous fistula for hemodialysis vascular access. *J Vasc Surg*. 2018 Jan;67(1):244-253. PMID: 28912005
15. **Mushtaq N**, Beebe L A. Psychometric Properties of Fagerström Test for Nicotine Dependence for Smokeless Tobacco Users (FTND-ST). *Nicotine Tob Res*. 2017 Sep 1;19(9):1095-1101. PMID: 28387864
16. **Mushtaq N**, Beebe L A. Evaluating the role of smokeless tobacco use indices as brief measures of dependence. *Addict Behav*. 2017 Jun;69:87-92. PMID: 28214708
17. Huque R, Shah S, **Mushtaq N**, Siddiqi K. Determinants of Salivary Cotinine among Smokeless Tobacco Users: A Cross-Sectional Survey in Bangladesh. *PLoS One*, 2016 Aug 9;11(8):e0160211. PMID: 27504912
18. **Mushtaq N**, Beebe LA. Assessment of the Tobacco Dependence Screener Among Smokeless Tobacco Users. *Nicotine Tob Res*. 2016 May;18(5):885-91. PMID: 26718743
19. Siddiqi K, Jawad M, **Mushtaq N**, Ali S, Khan JA. Tobacco and Health Disparities. *Biomed Res Int*. 2015;2015:570173. PMID: 26273632
20. Arthur AO, **Mushtaq N**, Mumma S, Thomas SH. Fentanyl buccal tablet versus oral oxycodone for Emergency Department treatment of musculoskeletal pain. *Journal of Emergency Medicine, Trauma and Acute Care*, Vol. 2015 1, 6
21. **Mushtaq N**, Beebe LA, Boeckman LM. Predictors of Smokeless Tobacco Cessation in a Telephone Helpline. *Am J Prev Med*. 2015 Jan;48(1 Suppl 1):S54-60. PMID: 25528708
22. James SA, Rhoades RR, **Mushtaq N**, Paulson S, Beebe LA. Longitudinal evaluation of the Tobacco Stops With Me campaign. *Am J Prev Med*. 2015 Jan;48(1 Suppl 1):S71-7. PMID: 25528712
23. **Mushtaq N**, Beebe LA, Vesely SK, Neas BR. A multiple motive/multi-dimensional approach to measure smokeless tobacco dependence. *Addict Behav*. 2014 Mar;39(3):622-9. PMID: 24333034

24. **Mushtaq N**, Williams MB*, Beebe LA. Concurrent Use of Cigarettes and Smokeless Tobacco among US Males and Females. *J Environ Public Health*. 2012;2012:984561.PMID: 22666280
25. **Mushtaq N**, Beebe LA. A review of reliability and validity of smokeless tobacco dependence measures. *Addict Behav*. 2012 Apr;37(4):361-6. PMID: 22244704
26. **Mushtaq N**, Beebe LA, Vesely SK. Determinants of Salivary Cotinine Levels among Smokeless tobacco Users. *Nicotine Tob Res*. 2012 Oct;14(10):1229-34. PMID: 22180597
27. **Mushtaq N**, Mushtaq S, Beebe LA. Economics of tobacco control in Pakistan: Estimating elasticities of cigarette demand. *Tob Control*. 2011 Nov;20(6):431-5. PMID: 21653653
28. **Mushtaq N**, Beebe LA, Thompson DM, Skaggs VJ. Smokeless tobacco and prevalence of cardiovascular disease. *J Okla State Med Assoc*. 2010 Nov-Dec;103(11-12):539-44. PMID: 21319587
29. **Mushtaq N**, Skaggs VJ, Thompson DM. "Effect of breastfeeding education and support on promoting breastfeeding: A literature review" *J Okla State Med Assoc*. 2008 Oct;101(10):231-6. PMID: 19097343

MANUSCRIPTS SUBMITTED

1. Sarwar Z, Mushtaq N, Beebe LA. Tobacco Product Use, Cardiovascular Disease Risk Factors, and Metabolic Syndrome among US Males. Submitted to *BMJ Open*.
2. Farrar HM, **Mushtaq N**, Keats S, Maawadh R. Prescribing Provider Characteristics and Rural-Urban Variations in Antipsychotic Prescription Patterns in Oklahoma. Submitted to *Journal of Rural Health*.
3. Hamel RJ*, **Mushtaq N**, Ellard KD, Krumholz AS, Thill KS, Henning M, Gold KP. Use of post-partum long acting reversible contraception in an academic center obstetric population. Submitted to *Contraception*.
4. Abtahi K, Nollin Z, **Mushtaq N**, Checketts J, Norris B. Reamer irrigator aspirator intraoperative ruler accuracy of femoral isthmus diameter. Submitted to *Injury*.
5. Araghi NH, York T, **Mushtaq N**, Khorgami Z, Howard CA. Variations in healthcare costs and charges: A nationwide study of laparoscopic cholecystectomy. Submitted to *Journal of Health Economics*.
6. Adil A, Calder M, **Mushtaq N**, Dobrasevic, Checketts J, Hanson C, Norris B. How accurate are we at gauging intraoperative femoral version with fluoroscopy? Submitted to *Clinical Orthopedics and Related Research*.

TECHNICAL REPORTS

- **Mushtaq N**, Beebe LA. Tobacco Use Disparities in Oklahoma 2011-2018. Submitted to OSDH June 2020.
- **Mushtaq N**, Beebe LA. Who's Quitting in Oklahoma? Cessation Trends: 2011 –2018. Submitted to OSDH March 2020.
- Beebe LA, **Mushtaq N**, James SA. Oklahoma Tobacco Trends Report 2004-2017. Submitted to OSDH May 2019.
- **Mushtaq N**, Boeckman L, Beebe LA. Burden of Tobacco among African Americans in Oklahoma 2011-2017. Submitted to OSDH April 2019.
- **Mushtaq N**, Beebe LA. Tobacco Use Disparities in Oklahoma 2011-2017. Submitted to OSDH February 2019.

- Beebe LA, **Mushtaq N**, Boeckman L, Dilley J. “Burden of Tobacco among American Indians in Oklahoma 2011 – 2017”. Prepared for Oklahoma State Department of Health, Center for Advancement of Wellness, 2018
- **Mushtaq N**, Martinez S, Beebe LA. Tobacco Use Disparities in Oklahoma 2011-2015, Prepared for Oklahoma State Department of Health, Center for Advancement of Wellness, 2017
- **Mushtaq N**, Beebe LA. Enhancing Quitline Reach in Oklahoma – Evaluation Report, Prepared for Oklahoma State Department of Health, Center for Advancement of Wellness, 2016
- Williams MB, **Mushtaq N**, Beebe LA. Oklahoma Tobacco Trends Report 2015, Prepared for Oklahoma State Department of Health, Center for Advancement of Wellness, 2015
- Beebe LA, **Mushtaq N**, Carter S. Secret Shopper Project Report on Methods. North American Quitline Consortium, 2009(http://www.naquitline.org/resource/resmgr/2010_webinar_series/100407_secretshopper.pdf)

PRESENTATIONS at PROFESSIONAL CONFERENCES

1. **Mushtaq N**, Beebe LA. “Cardiovascular disease risk factors among smokeless tobacco users”, 2020 *National Summit on Smokeless Tobacco Prevention. Livestream. October 2020*
2. **Mushtaq N**, Boeckman L, Beebe LA. “Mushtaq N, Beebe LA. “Reliability and concurrent validity of Severson smokeless tobacco dependence scale (SSDS)”, 24th Annual Meeting of Society for Research on Nicotine and Tobacco. Baltimore, MD. February 2018
3. **Mushtaq N**, Beebe LA. “Product-specific dependence among dual users of cigarette and e-cigarette: Findings from WAVE1 and 2 of the PATH study”, 24th Annual Meeting of Society for Research on Nicotine and Tobacco. Baltimore, MD. February 2018
4. **Mushtaq N**, Boeckman LM, Beebe LA. “Quitline utilization among smokeless tobacco users”. 2018 National Summit on Smokeless Tobacco Prevention. Sacramento, CA. October 2018
5. **Mushtaq N**, Beebe LA. “Measuring dependence among South Asian smokeless tobacco users”. 23rd Annual Meeting of Society for Research on Nicotine and Tobacco. Florence, Italy. March 2017
6. **Mushtaq N**, Beebe LA. “Psychometric Properties of Fagerström Test for Nicotine Dependence for Smokeless Tobacco users (FTND-ST)”. 23rd Annual Meeting of Society for Research on Nicotine and Tobacco. Florence, Italy. March 2017
7. **Mushtaq N**, Mowls DA, Williams MA, Beebe LA. “Dependence among Cigarette Smokers Using Other Tobacco Products”. 22nd Annual Meeting of Society for Research on Nicotine and Tobacco, Chicago, IL. March 2016
8. **Mushtaq N**, Beebe LA. “Approaches to Measure Dependence among Smokeless Tobacco Users”. 22nd Annual Meeting of Society for Research on Nicotine and Tobacco, Chicago, IL. March 2016
9. **Mushtaq N**, Beebe LA, “Assessment of Tobacco dependence screener among Smokeless Tobacco Users”. 21st Annual Meeting of Society for Research on Nicotine and Tobacco, Philadelphia, PA. February 2015
10. **Mushtaq N**, Beebe LA, Williams MB, “Cardiovascular Risk Parameters in Male Smokeless Tobacco Users”. 21st Annual Meeting of Society for Research on Nicotine and Tobacco, Philadelphia, PA. February 2015
11. **Mushtaq N**, Beebe LA, Exploring the role of Smokeless Tobacco Use Indices as brief measures of dependence. 2014 Annual Meeting of Society for Nicotine and Tobacco Research, Seattle, WA. March 2014
12. **Mushtaq N**, Boeckman LM, Beebe LA. Heaviness of Smoking Index as a Predictor of Tobacco Cessation among State Tobacco Helpline Participants. 2013 Annual Meeting of Society for Nicotine and Tobacco Research, Boston, MA. March 2013
13. **Mushtaq N**, Beebe LA. Factors associated with salivary cotinine levels among smokeless tobacco users. 15th World Conference on Tobacco or Health, Singapore. March 2012
14. **Mushtaq N**, Beebe LA. Impact of tobacco control policies on smoking prevalence in the European Union. 15th World Conference on Tobacco or Health, Singapore. March 2012

15. **Mushtaq N**, Beebe LA, Vesely SK, Neas B. A multi-dimensional approach to measure smokeless tobacco dependence. 2012 Annual Meeting of Society for Nicotine and Tobacco Research. Houston, TX. March 2012
16. **Mushtaq N**, Beebe LA, Boeckman LM. Predictors of smokeless tobacco cessation among participants using a telephone quitline. 2011 Annual Meeting of Society for Nicotine and Tobacco Research. Toronto, Canada. February 2011
17. **Mushtaq N**, Beebe LA. Tobacco control in the developing world: A case study of Pakistan. 2010 World Cancer Congress. Shenzhen, China. August 2010
18. **Mushtaq N**, Beebe LA. Concurrent tobacco use: A study of socio-demographic correlates. 5th National Summit of Smokeless and Spit Tobacco, Madison, WI. September 2009
19. Rhoades R, Beebe LA, **Mushtaq N**. Awareness and intention to use a state tobacco quitline: Differences by gender and BMI. 2009 Annual Meeting of Society for Research on Nicotine and Tobacco, Dublin, Ireland 2009
20. **Mushtaq N**, Beebe LA. Smokeless tobacco and prevalence of cardiovascular disease. 4th National Summit of Smokeless and Spit Tobacco, Oklahoma City, OK. 2008
21. **Mushtaq N**, Peck JD. Socio-demographic correlates of obstructive genitourinary defects” 136th Annual Conference of American Public Health Association (Delta Omega Honor Society Poster Session) San Diego, CA. October 2008
22. **Mushtaq N**, Beebe LA. Smoking, obesity and their co-occurrence: Analysis of Oklahoma 2002–2006 BRFSS. Graduate Research Education and Technology Symposium (OUHSC), Oklahoma City, OK. April 2007
23. **Mushtaq N**, Beebe LA, Thompson DM. Identifying principle risk factors for tobacco use in US youth: Secondary analysis of 2004 NYTS. 69th Annual Conference of Oklahoma Public Health Association, Tulsa, OK. April 2007
24. **Mushtaq N**, Smokeless tobacco and risk of cardiovascular disease. 134th Annual Conference of American Public Health Association, Boston, MA. November 2006

INVITED PRESENTATIONS

- Mushtaq N**, Grand Rounds Presentation: “Statistics in Clinical Research” Department of Surgery, St John Medical Center, Tulsa 2019
- Mushtaq N**, Beebe LA, Boeckman LM. Predictors of smokeless tobacco cessation among participants using a telephone quitline. Best Practices, Research and Relationships - Oklahoma’s Investment in Tobacco Control, AJPM/OTRC Symposium, Oklahoma Tobacco Research Center, 2015
- Mushtaq N**. Evaluating the psychometric properties of the Oklahoma Scale for Smokeless Tobacco Dependence. Faculty Leadership Program, University of Oklahoma Health Science Center, 2013
- Mushtaq N**. Measuring Nicotine dependence among smokeless tobacco users. BSE Seminar, Department of Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center. 2008
- Mushtaq N**. Association between smokeless tobacco use and cardiovascular disease. Department of Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center. 2006

PROFESSIONAL SERVICE

Member Editorial Board

International Journal of Statistics in Medical Research 2012 – 2018

Guest Editor

BioMed Research International – Special Issue “*Tobacco and Health Disparities*” 2015

Reviewer

Abstract Reviewer

Society for Research on Nicotine and Tobacco 20th, 23rd, and 26th Annual Meetings 2014, 2017, & 2019
National Conference on Tobacco or Health 2012

Curriculum Reviewer

SRNT's Global Certification Program Curriculum Review Board 2017

Ad-hoc Reviewer for Journals

American Journal of Preventive Medicine, Nicotine and Tobacco Research Journal, Addiction, Addictive Behaviors, Drug and Alcohol Dependence, Tobacco Induced Disease, Addictive Behavior Therapy and Rehabilitation, BMC Public Health, Clinical Epidemiology, International Health, International Journal of Medical Sciences, International Journal of General Medicine, International Journal of Women's Health, International Journal of Circumpolar Health, Journal of Public Health Management and Practice, British Journal of Medicine and Medical Research, Swiss Journal of Psychology, Pan African Medical Journal, Journal of Multidisciplinary Healthcare, Journal of Global Research in Education and Social Sciences, Journal of Dental and Oral Health, Journal of Women's Health, Substance Abuse, Substance Use and Rehabilitation, Journal of Smoking Cessation, Medicina, International Journal of Environmental Research and Public Health.

Member judging panel

OU-Tulsa Research Forum 2012, 2017, 2018, 2019, 2020
University of Oklahoma Tulsa, OK

Graduate Research Education and Technology Symposium 2009, 2010, 2013
University of Oklahoma Health Sciences Center Oklahoma City, OK

PROFESSIONAL MEMBERSHIPS

American Public Health Association 2006 to-2011
American Association for the Advancement of Science (AAAS) Science Program for Excellence in Science
2011 to-date
Society for Research on Nicotine and Tobacco 2009 to date
Pakistan Medical & Dental Council (PMDC) 2001 to-date

CONTINUED PROFESSIONAL EDUCATION

Fellow Aug 2012 – Jun 2013
OUHSC Faculty Leadership Program
University of Oklahoma Health Sciences Center