

LEEANNA MUZQUIZ, MD

Polson, MT

First-generation experienced community family physician passionate about equity and diversity in medical education. Currently serving as the Associate Dean for Admissions at the University of Washington School of Medicine overseeing the admissions process for the entire WWAMI Medical Education Program which spans five states and six campuses. Leadership, teaching and advocacy experience in areas of health policy, DEI, mentorship, rural health and medical education.

EDUCATION

MD	University of Washington School of Medicine Doctor of Medicine	June 2000
	University of Washington School of Medicine Native American Center of Excellence Certificate of Completion - Indian Health Pathway	June 2000
BS	Montana State University – Medical Technology Microbiology Minor in Native American Studies	May 1994

POST – GRADUATE EDUCATION

Residency	Swedish Family Medicine Residency Providence Campus Seattle Indian Health Board Clinic Site Affiliation: University of Washington School of Medicine, Family Practice Residency Network	June 2000
	Chief Resident	2002-2003
Certification	Physician Leadership Effectiveness Program Montana Medical Association	2015-2016

FACULTY POSITIONS

A.T. Still University Arizona School of Health Sciences, Mesa, AZ Clinical Preceptor - Family Medicine II Physician Assistant Program	2004-2017
University of Washington School of Medicine Department of Family Medicine Clinical Preceptor - FamMed 681 Clinical Preceptor – R/UOP Clinical Instructor of Family Medicine Clinical Assistant Professor, Family Medicine	2004-2006 2005-2009 2009-2017 2017-current
University of Washington School of Medicine MEDEX Northwest Physician Assistant Program Clinical Preceptor-Family Medicine	2008-2017

HONORS AND AWARDS

Indian Health Service Scholarship	1994, 1996-1999
Corinne Leach Award for Outstanding Academic Achievement	2000
The Seattle Indian Services Commission	
Outstanding Regional Member Affiliate	2010
Association of American Indian Physicians Diabetes Program	
Montana Academy of Family Physicians Presidential Award	2013
George Saari Humanitarianism in Medicine Award	2014
Montana WWAMI, University of Washington School of Medicine	
125 Extraordinary Ordinary Women of Montana State University Award	2018
Legacy of Leadership Award, Montana Medical Association	2019
University of Washington School of Medicine	2021
Department of Family Medicine Leadership Excellence Award	

RESEARCH FUNDING

Completed Research Support

P01GM116691 (Thummel, K; Burke, W – PIs) 08/16 – 07/21

NIGMS

Program on Genetic and Dietary Predictors of Drug Response in Rural and AI/AN Populations

The goal of this program is to advance our knowledge of gene-environment-drug and polygenic-drug interactions in the treatment of cardiovascular disease with anticoagulation and antiplatelet therapies in American Indian and Alaska Native (AI/AN) populations and to more broadly improve the national environment for genomic research with AI/AN communities.

Total direct costs: \$6,499,150

Role: Co-Investigator

U01GM092676 (Thummel, K; Burke, W – PIs) 07/15/10 – 06/30/16

NIH NIGMS PGRN

Pharmacogenetics in Rural and Underserved Populations

The goal of this project is to conduct basic and translational pharmacogenetic research in American Indian and Alaska Native (AI/AN) and rural Pacific Northwest populations.

Role: Co-Investigator

AHRQ through UW (Laukes, C – PI, PCORP Scholar) 06/16 – 06/17

Encouraging Early Screening and Diagnosis of mild TBI in Two At-Risk Montana Populations: A Community-Based Approach to Identify Barriers and Culturally-Effective Interventions

Goal: Using a CBPR approach, a survey was created to identify barriers to concussion screening as well as preferred culturally-effective approaches to awareness, education and screening.

Direct costs: \$17,620 (\$11,300 to Tribal Health)

Role: Mentor

PUBLICATIONS

Journal Publications

1. Fohner A, Muzquiz LI, Austin MA, Gaedigk A, Gordon A, Thornton T, Rieder MJ, Pershouse MA, Putnam EA, Howlett K, Beatty P, Thummel KE, Woodahl EL. Pharmacogenetics in American Indian Populations: Analysis of CYP2D6, CYP3A4, CYP3A5, and CYP2C9 in the Confederated Salish and Kootenai Tribes. *Pharmacogenet Genomics* 23:403-414, 2013. PMID: PMC3937472

2. James R, Tsosie R, Sahota P, Parker M, Dillard D, Sylvester I, Lewis J, Klejka J, Muzquiz L, Olsen P, Whitener R, Burke W; Kiana Group. Exploring pathways to trust: a tribal perspective on data sharing. *Genet Med* 16:820-6, 2014. PMCID: PMC4224626
3. Morales CT, Muzquiz LI, Howlett K, Azure B, Bodnar B, Finley V, Incashola T, Mathias C, Laukes C, Beatty P, Burke W, Pershouse MA, Putnam EA, Trinidad SB, James R, Woodahl EL. Partnership with the Confederated Salish and Kootenai Tribes: Establishing an Advisory Committee for Pharmacogenetic Research. *Prog Community Health Partnersh*, 10:173-83, 2016. PMCID: PMC5015644
4. Khan B, Robinson R, Fohner A, Muzquiz L, Schilling, B, Beans J, Olnes M, Trawicki L, Frydenlund H, Laukes C, Beatty P, Phillips B, Nickerson D, Howlett K, Dillard D, Thornton T, Thummel K, Woodahl E. Cytochrome P450 Genetic Variation Associated with Tamoxifen Biotransformation in American Indian and Alaska Native People. *Clinical and Translational Science* 11:312-321, 2018.
5. Leitch TM, Killam SR, Brown KE, Katseanes KC, George KM, Schwanke C, Loveland J, Elias AF, Haney K, Krebsbach K, Muzquiz LI, Trinidad SB and Woodahl EL (2022) Ensuring equity: Pharmacogenetic implementation in rural and tribal communities. *Front. Pharmacol.* 13:953142

Journal Papers Submitted

1. Pershouse, M.A., Cable, C., Barnholtz-Sloan, J.S., Beall, H., Beatty, P., Chen, Y., Eickholt, E., Grund, V., Guan, X., Harby, H., Howlett, S.K., Molm, R., Muzquiz, L.I., Putnam, E.A., Safgren, S.L., Valentine, J., Woodahl, E., Ames, M.M. *Pharmacogenetics for Cancer Chemotherapy in the Confederated Salish & Kootenai Tribal Population*.

PROFESSIONAL AFFILIATIONS

Association of American Indian Physicians

Member	2001 – current
Board of Directors – Secretary	2005 – 2007
Membership Committee Co-Chair	2005 – 2007
Board of Directors – Member at Large	2008 - 2009
Board of Directors – Treasurer	2013 - 2015

American Academy of Family Physicians

Member	2000 – current
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Montana Academy of Family Physicians

Member	2003 – current
Board of Directors	2006 – current
Alternate Delegate to Congress of Delegates	2008 - 2012, 2014 - 2023
2 nd Vice President	2009-2010
1 st Vice President	2010-2011
President Elect	2011-2012
President	2012-2013

Association of American Medical Colleges

2017 – current

American Medical Association

Member	2003 – 2004
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Montana Medical Association

Member	2000 – 2001, 2009-current
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REFERENCES

Available upon request