

DANNIELLE BRANAM

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EDUCATION

BS	University of Oklahoma, Chemistry Graduated Cum Laude Minored in Classical Culture	Aug 1997
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HONORS AND AWARDS

Chahta Doctorate Scholarship	2024
Rudy Ray and Jean Ann Seward Scholarship	2024
Lynn Killgore Scholarship	2023
Kaneubbe Scholarship	2023
Native Forward Scholar	2022
Barry M. Goldwater Scholar	1994
CRC Outstanding Freshman Chemistry Student	1992
Robert C. Byrd Scholar	1992
Oklahoma Academic All-State	1992
Sir Alexander Fleming Scholar	1992

PROFESSIONAL EXPERIENCE

Choctaw Nation of Oklahoma, Durant Research Scientist III , Tribal Research	2020 to 2022
<ul style="list-style-type: none">• Data analysis and visualizations with Excel and Power BI• Liaison to external research groups for grant partnership and tribal IRB approvals• Navigating subaward budget creation and contract routing	
Choctaw Nation of Oklahoma, Durant Manager , Grant Development	2019 to 2020
<ul style="list-style-type: none">• Training new grant writers and improving departmental procedures• Grant writing for new awards, continuations, post-award modifications• Specialized in research, health, and grants with subawards	
Choctaw Nation of Oklahoma, Durant Grant Coordinator I/II , Grant Development	2017 to 2018
<ul style="list-style-type: none">• Grant writing for new awards, continuations, post-award modifications• Specialized in research, health, and grants with subawards• Conducted monthly grant administration meeting for all tribal health awards	

Choctaw Nation of Oklahoma, Durant 2012 to 2017
IRB Administrative Director, Choctaw Nation Health Services

- Compliance responsibility for Choctaw Nation Institutional Review Board
- Liaison between external research groups and department heads
- Conducted monthly grant administration meeting for all tribal health awards

Choctaw Nation of Oklahoma, Durant 2011 to 2012
Research Support Coordinator, Choctaw Nation Health Services

- Learned documentation and federal requirements for Institutional Review Boards
- Design and data analysis for multiple years of Choctaw Nation State of the Nation's Health Report

RESEARCH EXPERIENCE

University of Alabama at Birmingham, Birmingham 2009 to 2010
Research Associate, Dept of Medicine

- Mammalian cell culture and mouse colony management
- DNA and protein purification from tissues; Western blotting, ELISA, and PCR
- Submission of IRB and IACUC protocols

University of Alabama at Birmingham, Birmingham 2005 to 2008
Research Assistant, Hematology and Immunology

- Mammalian cell culture
- Enrolled human subjects in breast cancer research
- DNA and RNA isolation from blood, frozen and fixed tissues, and cell culture
- Microparticle isolations from blood and cell culture
- Protein purification and Western blotting

University of Texas Southwestern Medical Center, Dallas 2003 to 2005
Senior Research Associate, Pediatric Research

- Mammalian cell culture
- DNA and protein purification from tissues; Western blotting, ELISA, and PCR
- Mouse colony management: genotyping, breeding, and database creation to track breeding and experimental usage

University of Texas Southwestern Medical Center, Dallas 2002 to 2003
Research Associate, Virology Core

- Mammalian cell culture; including transfection and transduction
- Virus propagation, purification, and titrating

Oklahoma Medical Research Foundation, Oklahoma City 1997 to 2002
Research Assistant, Immunology and Cancer

- Mammalian cell culture
- Enrolled human subjects in breast cancer research
- DNA and RNA isolation from blood, frozen and fixed tissues, and cell culture

- Mouse and rat tumor studies, included tumor implantation, treatment, tumor measurements, and data analysis
- Radioisotopic Southern blotting

TEACHING EXPERIENCE

University of North Texas, Denton 2024 to Pres.

Teaching Fellow, Department of Sociology

- Sociology of Sexualities (Spring 2024, Summer 2024)
- Sociology of Marriage and Families (Spring 2025)

University of North Texas, Denton 2022 to Pres.

Teaching Assistant, Department of Sociology

- Sociology of Sexualities (Fall 2022, Spring 2023, Fall 2024, Spring 2024)
- Urban Sociology (Fall 2023)
- Sociology of Marriage and Family (Summer 2023)
- Intro to Sociology (Spring 2023)
- Sociology of Mental Health, 2 sections (Fall 2024)

University of Oklahoma, Norman 1994 to 1997

Supplemental Instruction Leader, Native American Student Resources

- Attended entry-level Chemistry classes
- Held group tutoring sessions/lessons in the Native American Student Center in efforts to retain Native American Students

PUBLICATIONS

Jennifer Q Chadwick, Mary A Tullier, Lisa Wolbert, Charlotte Coleman, **Dannielle E Branam**, David F Wharton, Tamela K Cannady, Kenneth C Copeland, Kevin R Short. "Collaborative implementation of a community-based exercise intervention with a partnering rural American Indian community," *Clinical Trials*, vol. 16, 4: pp. 391-398, April 3, 2019.

Short KR, Chadwick JQ, Cannady TK, **Branam DE**, Wharton DF, Tullier MA, et al. "Using financial incentives to promote physical activity in American Indian adolescents: A randomized controlled trial," *PLoS One*, 2018 Jun 1;13(6):e0198390. doi: 10.1371/journal.pone.0198390.

Rhoades DA, Hawkins M, Norton B, **Branam D**, Cannady TK, Dvorak J, Ding K, Olson AL, Doescher MP. "Choctaw Nation Youth Sun Exposure Survey," *Prev Med Rep*. 2017 Apr 28;7:7-10. doi: 10.1016/j.pmedr.2017.04.012.

Blue Bird Jernigan V, Peercy M, **Branam D**, Saunkeah B, Wharton D, Winkleby M, Lowe J, Salvatore AL, Dickerson D, Belcourt A, D'Amico E, Patten CA, Parker M, Duran B, Harris R, Buchwald D. "Beyond health equity: achieving wellness within

American Indian and Alaska Native communities,” *Am J Public Health*. 2015 Jul;105 Suppl 3:S376-9. doi: 10.2105/AJPH.2014.302447.

Aston CE, Ralph DA, Lalo DP, Manjeshwar S, Gramling BA, DeFreese DC, West AD, **Branam DE**, Thompson LF, Craft MA, Mitchell DS, Shimasaki CD, Mulvihill JJ, and Jupe ER. “Oligogenic combinations associated with breast cancer risk in women under 53 years of age,” *Human Genetics* 2005 Feb; 116(3):208-21.

Manjeshwar S, Lerner MR, Zang XP, **Branam DE**, Pento JT, Lane MM, Lightfoot SA, Brackett DJ, and Jupe ER. “Expression of prohibitin 3’untranslated region suppressor RNA alters morphology and inhibits motility of breast cancer cells,” *Journal of Molecular Histology* 2004 Aug; 35(6):639-46.

Manjeshwar S, **Branam DE**, Lerner MR, Brackett DJ, and Jupe ER. “Tumor suppression by the prohibitin gene 3’untranslated region RNA in human breast cancer,” *Cancer Research* 2003 Sep 1; 63(17):5251-6.

Neunschwander PF, **Branam DE**, and Morrissey JH. “Importance of Substrate Composition, pH, and Other Variables on Tissue Factor Enhancement of Factor VIIa Activity,” *Thrombosis and Haemostasis* 1993 Dec 20; 70(6):970-7.

PRESENTATIONS

"Envisioning Futurity Through Sovereignty and Researching Community Connection," 50th Annual Symposium of the American Indian. Northeastern State University, Tahlequah, OK, April 2023.

"Fulfilling Ancestors' Dreams of Tribal Sovereignty through Research Partnerships and Protections," 49th Annual Symposium of the American Indian. Northeastern State University, Tahlequah, OK, April 2022.

REFERENCES

William Scarborough, PhD

University of North Texas
Graduate Advisor
Dept. of Sociology
940-565-2296
william.scarborough@unt.edu

Delene Rawls, PhD

Choctaw Nation of Oklahoma
Director of Grant Development
580-642-8064
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Valarie Blue Bird Jernigan, DrPH, MPH

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