

SONNIE M. DAVIES, MPH

CURRICULUM VITAE

Pacific Institute for Research and Evaluation
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TRAINING

- 2019 August **Qualitative Data Analysis Training Workshop**, Qual WORKS: Qualitative Research Workshops, Emory University, Atlanta, GA. Instructor: Monique Hennink, PhD
- 2017- 2019 **Masters of Public Health (MPH)**, Health Systems/Health Policy, College of Population Health, University of New Mexico, Albuquerque, NM.
- 2010-2014 **Bachelors of Science (BS)**, Evolutionary Anthropology, Department of Anthropology, University of New Mexico, Albuquerque, NM. Dean's List.
Minor: Biology

EXPERIENCE

- 2018 March - **Research Associate**; Pacific Institute for Research and Evaluation (PIRE), Albuquerque, NM. Center Director: Cathleen Willging, PhD
- Administer qualitative interviews/focus groups
 - Data management across multiple studies
 - Qualitative & quantitative analysis
 - Conduct systematic reviews
 - Prepare abstracts, reports & study instruments
 - Manage timeline of implementation study
- 2016- 2018 **Community Based Research Specialist**, College of Pharmacy, University of New Mexico, Albuquerque, NM. PI: Ludmila Bakhireva, MD, PhD, MPH
- Recruit and interview study participants
 - Collect bio-specimens (blood, urine, placenta)
 - Data entry/management
 - Prepare abstracts, posters, manuscripts
- 2014- 2016 **Study Coordinator/ Professional Intern**, College of Pharmacy, University of New Mexico, Albuquerque NM. PI: Ludmila Bakhireva, MD, PhD, MPH
- 2013- 2015 **Undergraduate Investigator/ Study Coordinator**, Department of Anthropology, University of New Mexico. PI: Melissa Emery Thompson, PhD

SERVICE & AWARDS

- 2019 PIRE Professional Development Awardee
- 2018 *Summer Research Grant Awardee*, UNM GPSA
- 2018 *Abstract reviewer* for NMPHA annual conference
- 2013 *Member*: Phi Beta Kappa Honor Society
- 2013 *Dean's List*, University of New Mexico, Fall

PROFESSIONAL MEMBERSHIPS

- 2019-present American Public Health Association member
- 2017-present New Mexico Public Health Association member
- 2017-2018 Research Society on Alcoholism & Fetal Alcohol Spectrum Disorders Study Group student member

S. Davies (formerly Williams)

PUBLICATIONS / ABSTRACTS [ORCID ID: <https://orcid.org/0000-0002-9697-7347>]

1. Willging C, Kano M, Green A, Sturm R, Sklar M, **Davies S**, Eckstrand K. (2020). Enhancing Primary Care Services for Diverse Sexual and Gender Minority Populations: A Developmental Study Protocol. *BMJ open*, 10(2), e032787.
2. Stephen, J. M., Shrestha, S., Yakes Jimenez, E., **Williams, S. M.**, Ortega, A., Cano, S., . . . Bakhireva, L. N. (2019). Disparities in breastfeeding outcomes among women with opioid use disorder. *Acta Paediatrica*, doi:10.1111/apa.15107
3. **Williams S**, Shrestha S, Garrison L, Leeman L, Rayburn W, Stephen JM, Bakhireva LN. Prevalence of Alcohol Use in Pregnant Women with Substance Use Disorder. *Poster Presentation: 41st Annual Scientific Meeting of the Research Society on Alcoholism*. San Diego, CA. Published: *Alcohol Clin Exp Res* 2018; vol 42, issue S1, abstract 491
4. LN Bakhireva, J Sharkis, S Shrestha, TJ Miranda-Sohrabji, **S Williams**, & RC Miranda (2017). Prevalence of prenatal alcohol exposure in the state of Texas as assessed by phosphatidylethanol in newborn dried blood spot specimens. *Alcohol Clin Exp Res*, 41(5), 1004-1011.
5. S Bishop, **S Williams**, L Garrison, J Sharkis, L Davies, R Miranda, LN Bakhireva. Feasibility of Estimating Prenatal Alcohol Exposure from Residual Newborn Screening Specimens. *Platform presentation*. FASD Study Group Meeting, June 25th, 2016. Poster presented at the Research Society on Alcoholism Annual Meeting. New Orleans, LA, June 26-29, 2016. Abstract published: *Alcohol Clin Exp Res* 2016; 40, 99A-99A.
6. B. Holbrook, S. Bishop, **S. Williams**, S. Cano, S. Davies, LN Bakhireva, D. Savage, Altered Expression of Placental Proteins Related to Angiogenesis in Pregnancies Exposed to Alcohol. *Platform presentation*. 2016 Teratology Society Annual Meeting. San Antonio, TX.
7. **S. Williams** & P. Munk. The Effect of Diet on Health Biomarkers in Women. *Platform & poster presentation*. First Annual EpiStat Symposium, Albuquerque, NM. May 10, 2016.
8. S Bishop, **S Williams**, L Garrsion, R Miranda, LN Bakhireva. Feasibility of Estimating Prenatal Alcohol Exposure from Residual Newborn Screening Specimens. *Poster presentation*. New Mexico FASD Research and Outreach Day. Albuquerque, NM. October 1, 2015.
9. **S Williams**. The Biology of Cooking: How does cooking impact physical and mental health? Thesis submitted in partial fulfillment of Departmental Honors in the Department of Anthropology, University of New Mexico. Advisor: Melissa Emery Thompson, PhD. May 2014.
10. **S. Williams**, M. Emery Thompson, A. Dukes, S. Gangestad. The Biology of Cooking. *Platform presentation*. UNM Annual Anthropology Graduate Research Symposium, Albuquerque, NM. April 19-20, 2013.

CONTRACTS AND GRANTS

Current

R21 MD011648

Willging and Green

09/18-04/20

NIH/NIMHHD

(NCE through 04/21)

Enhancing Primary Care Services for Diverse Sexual and Gender Minority Populations

S. Davies (formerly Williams)

This exploratory study will assess attitudes and structures of primary care providers that affect SGM patients at FQHCs. This study will also develop and pilot an implementation toolkit designed to improve primary care for SGM patients.

Role: **Project Coordinator/Research Associate**

R01 HD083399

Willging and Ramos

05/16-04/21

NIH/NICHD

Implementing School Nursing Strategies to Reduce LGBTI Adolescent Suicide

This randomized cluster-controlled design study capitalizes on the critical role of school nurses and incorporates cutting-edge implementation science approaches to improve the use of evidence-based strategies to enhance school environments for SGM youth.

Role: **Research Associate**

Completed

R01 AA021771

Bakhireva /Stephen

07/15/13-06/30/18

NIH/NIAAA

(NCE through 06/30/19)

“Early Indices of Atypical Neurodevelopment Associated with Fetal Alcohol Exposure”

The goal of this project is to assess and utilize a prospective cohort design to determine whether ethanol biomarkers have utility for predicting information processing deficits, as assessed by neurobehavioral and functional neuroimaging techniques, in children at 6 and 20 months of age.

Role: **Main Recruiter/Study Coordinator**

Total cost: \$3,160,518

1UL1TR001449-01

Bakhireva /Larson (P.I.)

04/01/16-03/31/17

“Altered expression of angiogenesis-related proteins in placenta as a prognostic biomarker of altered brain development”

Role: **Study Coordinator**

Total cost: \$40,000

Contract

Bakhireva (UNM P.I.)

8/1/14 - 7/31/16

Organization of Teratology Information Specialists (OTIS), contract through the University of California, San Diego (UCSD) “*OTIS Research Studies*”.

Role: **Study Coordinator**

Total cost: \$48,000