

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Roxanna King

eRA COMMONS USER NAME (credential, e.g., agency login): RKING23

POSITION TITLE: Researcher

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Washington State University, Vancouver, WA	BA	07/31/2008	Anthropology
Washington State University, Pullman, WA	MA	12/15/2012	Cultural Anthropology
Washington State University, Pullman, WA	PhD	12/15/2019	Cultural/ Medical Anthropology

A. Personal Statement

I am a Researcher at the Southcentral Foundation, and my research focuses on diet, nutrition, traditional ecological knowledge, epidemiology, decision-making, and building psychological and health related resilience in Indigenous communities. I have a background in Anthropology, with specific training in community-based participatory research (CBPR), ethnographic research, and qualitative and quantitative data analysis. As an accomplished researcher, I have designed and conducted studies in a variety of healthcare settings. For my master's research, I conducted research on medical pluralism in Morocco and developed an ethnographic decision-making model. To develop the ethnographic decision-making model (EDM), key informant interviews were combined with data collected from 15 informants in a series of 5 interviews that took place over a 10-month period. The qualitative interviews were used to construct an EDM for treatment choice. To evaluate the EDM, case histories were collected from 62 households monthly over a 6-month period (October 2011 to March 2012). Based on the data from case histories, participants' treatment choices were highly dependent on the cost and access to treatment. Final reports were disseminated to the Peace Corps host country staff and the Ministry of Health. The goal of providing this information was to improve biomedical programs and services available to rural cities and towns. My dissertation focused on diet and nutrition among the Confederated Tribes of the Chehalis Reservation. The purpose of this study was to explore the relationship between cultural practices and perceptions of nutritional health. I collected 40 interviews between September and December 2018. Correlation tables and logistic regression models (full model and stepwise model) were used to understand the data and the findings indicated 1.) growing up on the reservation lowered the chances of someone reporting a nutritional illness; 2.) as participant's age increased, the likelihood they reported a nutritional illness increased; 3.) self-reported exercise was negatively correlated with nutritional illness; and 4.) having a family member that suffered from a nutrition related illness increased the likelihood of that person reporting a nutrition related illness. The dissertation and results were used to inform the tribe's food sovereignty initiative. I have three years of experience working at the Washington State University Institute for Research and Education to Advance Community Health (IREACH). As a Senior Social Scientist, I coordinated and managed several NIH-funded studies collaborating with American Indians. In addition, I was responsible for recruitment, consenting, data collection, data management, coding, and dissemination of results. Currently, I have two peer-reviewed

publications and I am working on manuscripts for several peer-reviewed publications. In summary, I have the skills, expertise, and experience to conduct the proposed research project.

B. Positions, Scientific Appointments, and Honors

Positions & Scientific Appointments

2023 - Present	Researcher, Southcentral Foundation, Anchorage, AK
2022 – 2023	Senior Social Scientist, Institute for Research and Education to Advance Community Health (IREACH), Washington State University, Spokane, WA
2020 - 2022	Social Scientist Assistant, Institute for Research and Education to Advance Community Health (IREACH), Washington State University, Spokane, WA
2013 - 2019	Instructor, Department of Anthropology, Washington State University, Pullman, WA
2010-2012	Volunteer, United States Peace Corps, Khenifra Province, Morocco

Honors

2016	Best Poster Award, Society for Cross-Cultural Research Conference, Portland, OR
------	---

C. Contributions to Science

1. My early research focused on the social learning and transmission of belief systems such as witchcraft and sorcery. Specifically, my publication and presentations examined the cross-cultural distribution of witchcraft and sorcery beliefs, how they are transmitted from one generation to the next, and why they are maintained and reinforced in many societies.
 - a. **King, R.** (2012) Trial by Poison: Colonial Transformations in a Traditional Ordeal. Poster Presentation Interdisciplinary Research in Anthropology and the Science Conference. Pullman, WA.
 - b. Hewlett, B., Mongosso, J., **King, R.** and Lehmann, A. (2013) Searching for the Truth: The Poison Oracle Among Central African Foragers and Farmers. In Magic, Witchcraft, and Religion, 3rd edition. Pamela A. Moro, ed. McGraw Hill: New York, 316-322.
 - c. **King, R.** (2016) A Cross-Cultural Analysis of Witchcraft and Social Learning. Paper Presentation. Society for Cross-Cultural Research Conference. Portland, OR.
 - d. **King, R.**, Samaduroff, J., and Garfield, Z. (2016) Witchcraft & Sorcery: A Cross-Cultural Comparison. Poster Presentation. Society for Cross-Cultural Research Conference. Portland, OR.
 - e. **King, R.** (2017) A Cross-Cultural Analysis of How Children Learn About Witchcraft. Paper Presentation. Northwest Anthropological Conference (NWAC). Spokane, WA.
2. In addition to the contributions above, with a team of collaborators, I have worked on several projects related to health outcomes among American Indians. This included mentoring and training several Native medical students in research methods, interview and survey training, qualitative analyses, and assisting them with conference presentations. The studies focused on community based participatory research (CBPR) to improve health outcomes and highlighted avenues for indigenizing programs and services available to American Indians.
 - a. **King, R.** (2018) From Pain to Power: An Ethnohistory of Nutritional Trauma and Resiliency Among the Confederated Tribes of the Chehalis Reservation. Phillip's Fund for Native American Research Grant, American Philosophical Society. \$3,400 award.

- b. Burns, R., Nelson, L., Collins, S.E., Taylor, M.L., Kominsky, T., and **King, R.** (2020) Counseling for Harm Reduction and Retention in MAT with Cherokee Nation (CHaRRM-CN). Virtual Poster Presentation, December 10th-13th, 2020. Addiction Health Services Research Conference.
- c. Magham, K.A., Goldstein, S., Holtum, J., Taylor, E., Collins, S.E., and **King, R.** (2020) Extended Naltrexone and Harm-Reduction Counseling: Perception of Treatment among People Experiencing Chronic Homelessness with Alcohol Use Disorder. Virtual Poster Presentation, American Academy of Addiction Psychiatry (AAAP) Annual Meeting and Scientific Symposium.
- d. Nelson, L., Collins, S.E., Birch, J., Burns, R., McPhail, G., Onih, J., Cupp, C., Ubay, T., King, V., Taylor, E., Masciell, K., Slaney, T., Bunch, J. **King, R.**, Piper, B., and Squetinkin-Anquoe, A. (2022) Content Analysis of Preferred Recovery Pathways Among Urban American Indians and Alaska Natives Experiencing Alcohol Use Disorders. *Journal of Cross-Cultural Psychology*, 54(1): 142-160.
- e. Suchy-Dicy, A., Vo, T., Oziel, K., **King, R.**, Barbosa-Leiker, C., Buchwald, D., and French, B. (2023) Psychometric properties of the Controlled Oral Word Association (COWA) Test and Associations with Education and Bilingualism in American Indian Adults: The Strong Heart Study. *Assessment*, 0(0). <https://doi.org/10.1177/10731911231180127>
- f. **King, R.**, Koch, S., Burns, R., Cupp, C. Lindell, M., London, Bunch, Fretts, A., Ali, T., Umans, J., and Nelson, L. (2023) Content Analysis of Factors Related to Sleep Health Among American Indians. *Sleep Health* (under tribal and IHS review).