

BIOGRAPHICAL SKETCH

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NAME: Shin, Michelle Bom Yi

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

POSITION TITLE: Assistant Professor

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
University of California, Los Angeles, Los Angeles, CA	BA	09/2007	International Development Studies
University of Virginia, Charlottesville, VA	MSN	05/2013	Clinical Nursing Leadership
University of Washington, Seattle, WA	MPH	06/2020	Global Health
University of Washington, Seattle, WA	PHD	06/2021	Nursing Science
University of Southern California, Los Angeles, CA	Postdoctoral Fellow	12/2022	Population Health Sciences

A. Personal Statement

I am a tenure-track Assistant Professor in the Department of Child, Family, and Population Health Nursing at the University of Washington (UW) and a research affiliate of the Center for Studies in Demography and Ecology. I have worked for more than 10 years as a registered nurse and a researcher in federally qualified and rural health centers ("FQHCs") that care for medically underserved communities with limited access to medical care. My career objective is to become an independent interdisciplinary scientist who addresses health disparities by improving the implementation of prevention programs in FQHCs.

My lived and clinical experiences in medically underserved communities, as well as my academic training in cancer prevention and control, have positioned me well to carry out the proposed pilot project. I have worked with community health workers to increase colorectal cancer screening in Asian American communities in Seattle and childhood vaccination in the Peruvian Andes. I have laid the groundwork for the proposed research by establishing a partnership with the WPRN Steering Committee who contributed to this proposal. This funding will allow me to acquire new skills in community-based participatory research through the clinic-academic partnership with the WPRN, ultimately enabling me partner with FQHCs to advance cancer equity in medically underserved communities throughout my career.

B. Positions, Scientific Appointments, and Honors**Positions and Scientific Appointments**

2023 - present Assistant Professor, Department of Child, Family, and Population Health Nursing, UW

2023 - present Research Affiliate, Center for Studies in Demography and Ecology, UW

2021 - 2022 Postdoctoral Fellow, Department of Population and Public Health Sciences, University of Southern California, Los Angeles, CA

2016 - 2017 Program Manager/Registered Nurse Navigator, Multicultural and International Engagement, Swedish Health Services, Seattle, WA

2015 - 2016 Nurse Care Manager, International Community Health Services, Seattle, WA

2014 - 2015 Community Coordinator, Sacred Valley Health, Ollantaytambo, Cusco, Peru

Honors (selected for brevity)

2023 – 2024	Cohort 3 Scholar, Cancer Prevention Control Research Network (CPCRN) Scholars Program, Centers for Disease Control and Prevention
2022	Trainee, Multilevel Intervention Training Institute, National Cancer Institute, Division of Cancer Control and Population Sciences
2022	Postdoctoral Fellowship (declined to accept UW faculty position), American Cancer Society
2021	Student and Early Career Investigator Scholarship, American Association for Cancer Research

C. Contributions to Science

1. **Capacity building among community health workers and clinic staff to improve cancer screening:** Working with community health workers in the Peruvian Andes as well as Chinese, Vietnamese, and Korean American communities in Seattle cultivated an interprofessional approach to working with medically underserved communities. In federally qualified health centers, collaborating with medical assistants who served as cultural liaisons between their communities and the clinic became central to my nursing practice. These experiences inspired me to incorporate their community-informed perspectives into advancing health equity in their communities as a public health nurse researcher.
2. Tsui J, **Shin MB**, Sloan K, Martinez B, Palinkas LA, Baezconde-Garbanati L, Cantor JC, Hudson SV, Crabtree BF. Understanding Clinic and Community Member Experiences with Implementation of Evidence-Based Strategies for HPV Vaccination in Safety-Net Primary Care Settings. *Prevention Science*. 2023/06/27 2023;doi:10.1007/s11121-023-01568-4
1. **Examining multilevel influences on cervical cancer prevention and control:** Most of my research has examined the multilevel influences on HPV vaccination and cervical cancer screening in racial/ethnic minority and immigrant communities. This emerging body of work highlights the complexities and challenges of cancer prevention in safety-net settings and highlights opportunities to create interventions that penetrate through multiple layers of influences unique to each community. This work has also identified that certain implementation settings, such as safety-net primary care clinics and schools, are critical in underserved communities who live in geographic areas with a shortage of healthcare services.
 - a. **Shin MB**, Sloan KE, Baezconde-Garbanati L, Dang E, Garcia S, Palinkas LA, Unger JB, Willgerodt M, Crabtree BF, Tsui J. Multilevel perspectives on school-based opportunities to improve HPV vaccination among medically underserved adolescents: Beyond school entry mandates. *Human vaccines & immunotherapeutics*. Aug 1 2023;19(2):2251815. doi:10.1080/21645515.2023.2251815
2. **Measurement of health disparities among diverse populations:** My research agenda prioritizes the assessment of disparities in health outcomes and access to preventive services. I have led and contributed to multidisciplinary collaborations to investigate adverse birth outcomes and cervical cancer screening uptake, as well as its relationship with social determinants of health such as income level, education, and neighborhood. This work has involved quantitative data as well as qualitative methods to measure the magnitude of health disparities and contextualize them through the lived experiences of diverse populations. Important next steps for this line of research include identifying and tailoring interventions and strategies for specific community needs to address health disparities.
3. **Shin MB**, Sloan KE, Martinez B, Soto C, Baezconde-Garbanati L, Unger JB, Kast WM, Cockburn M, Tsui J. Examining multilevel influences on parental HPV vaccine hesitancy among multiethnic communities in Los Angeles: a qualitative analysis. *BMC Public Health*. Mar 22 2023;23(1):545. doi:10.1186/s12889-023-15318-2

Complete List of Published Work in My Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1z7d7rKqkNHkw/bibliography/public/>