

Graduate Scholarship in Cancer Nursing Practice

Principal Investigator: Erika Biederman, BSN **Faculty Sponsor:** Victoria Champion, PhD, RN, FAAN

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Abstract:

Cervical cancer mortality disproportionately affects certain portions of the population, such as the Latina community. According to the National Cancer Institute, from 2009-2013, the incidence rate among Hispanics in the United States for cervical cancer was 9.4 per 100,000 compared to 7.5 for Whites and 8.9 for Blacks. Because a genetic basis for this disparity has not been found, increased mortality in Hispanics is believed to be dependent upon disparate screening practices within the Latino community. Latinas in Indiana have one of the lowest cervical cancer screening rates in the United States, 77.3%, and the Healthy People 2020 goal is 93% (Centers for Disease Control and Prevention, 2014). The United States Census Bureau (2011, n.d.), reported that the Latino population in the Indiana area grew 107% between 2000 and 2015.

Currently, there are no tested cervical cancer screening interventions that target the Latino population in Indiana. Thus, the focus of my research will be to increase cervical cancer screening in this at-risk population. Additionally, a second focus will be to identify and test methods to increase human papillomavirus vaccination for the children of these Latina women. I will first undertake descriptive work to identify Latina women's predictors of screening and vaccination. Building on this work, I will develop and test culturally tailored behavioral interventions to increase screening and vaccination rates thus decreasing mortality from cervical cancer. References Centers for Disease Control and Prevention (CDC). (2014). State Cancer Profiles. Retrieved from <https://statecancerprofiles.cancer.gov/risk/index.php?topic=women&risk=v17&race=05&type=risk&sortVariableName=default&sortOrder=default#results>. National Cancer Institute (NCI). (n.d.). SEER stat fact sheets: cervix uteri cancer. Retrieved from <http://seer.cancer.gov/statfacts/html/cervix.html>. United States (US) Census Bureau. (n.d.). QuickFacts: Indiana. Retrieved from <https://www.census.gov/quickfacts/table/RHI125215/18>. US Census Bureau. (2011). Census 2000 Data for the State of Indiana. Retrieved from <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>