Kalyn M. Renbarger, PhD, RN Assistant Professor of Nursing Purdue University kmrenbar@purdue.edu

EDUCATION

Ph.D. in Nursing Science, Indiana University School of Nursing, Indianapolis, IN (June, 2020). Minor: Sociology

Master of Science in Nursing, Nursing Leadership Program, Ball State University, Muncie, IN (2010).

Bachelor of Science in Nursing, Ball State University, Muncie, IN (2001).

CERTIFICATIONS

Indiana Registered Nurse License # 28153091A2002-presentBLS2002-presentCITI2015-presentNational Council for Behavioral Health, Mental Health First Aid2022-present

CLINICAL EXPERIENCE

Indiana University Health Ball Memorial Hospital (2002-2019), Muncie, IN. Registered Nurse. Women and Children's Service Line. Served as a team member providing specialized care for women, children, and infants with various chronic and acute illnesses. Functioned as charge nurse, served on Unit Council, and served as a preceptor for new nurses.

Indiana University Health Riley Children's Hospital (2002-2003). Indianapolis, IN. Registered Nurse. Inpatient Hematology and Oncology Unit. Provided specialized care and treatment to pediatric patients with various forms of cancer and hematological illnesses.

Indiana University Health Ball Memorial Hospital (2000-2002), Muncie, IN. Student Nurse Technician. Peds and Teens Unit. Provided nursing care in coordination with a registered nurse for women and children with various chronic and acute illnesses.

TEACHING EXPERIENCE

Purdue University, West Lafayette, IN (2024-present). Assistant Professor of Nursing

NUR 500: Nursing Theory (Blended)

Ball State University, Muncie, IN (2020-2024). Assistant Professor of Nursing Ball State University. Muncie, IN (2010-2020). Assistant Clinical Lecturer of Nursing

- NUR 101: Medical Terminology (online)
- NUR 103: Health Behaviors: Cultural Variations (online)
- NUR 232: Fundamentals of Nursing (clinical)
- NUR 314: Nursing Statistics (online)
- NUR 370: Pediatrics (clinical)
- NUR 406: Nursing of Childbearing Families (didactic and clinical)
- NUR 423: Transition to Practice (Blended)
- NUR 626: Program Evaluation (online)
- NUR 603: Nursing Theory (online)
- NUR 607: Data Analysis in Nursing Research (online)

PROFESSIONAL MEMBERSHIPS

National League of Nursing Association of Women's Health, Obstetric, and Neonatal Nursing Sigma Theta Tau Nursing Society, Beta Rho Chapter International Society of Psychiatric Nurses Postpartum Support International

HONORS and AWARDS

Health Disparities Research Fellow, College of Health, Ball State University, Spring 2024

Selected to participate in LEAD Academy, Ball State University, 2021

Diane McCabe Scholarship, Indiana University, 2019

Sherry Queener Graduate Student Excellence Award nominee, Indiana University, 2019

Jonas Scholar, 2018-2020, AACN

Meier/Lyon Dissertation Fellowship, Indiana University, 2018-2019

Irene Aycock Nursing Scholarship, Indiana University, 2018

Customer Service Champion Award, Ball Memorial Hospital, 2006

Clauser Award (Nursing GPA), Ball State University, 2001

GRANTS

Judge, L., Kandiah, J.....**Renbarger, K.M.** (2024). Advancing Rural Health Equity: Rural Vitality Health Initiative (RVHI). Health Resources and Services Administration (HRSA), 2,800,000. Submitted.

Abebe, S., **Renbarger, K.M.**, Place, J.M., Mbogori, T., & McGraff, M. (2024). Infant Mortality: An Interprofessional Collaboration to Increase Awareness and Decrease Health Disparities. Safety Pin Grant, Indiana State Department of Health. \$500,000. Not funded.

Renbarger, K., Kandiah, J., Stone, G., Tobyas, J., Reynolds, J., Abebe, S., Osborne, K., Tai, Y. (2024). Supporting Rural Health through Student-Run Services to Reduce Maternal Mortality and Morbidity. PCORI, LOI \$2,680,667.00. Not funded

Anyango, J., **Renbarger, K.,** Muliira, J. Ball State University-Bwindi Collaboration to Increase Nursing Workforce for Rural Healthcare. Abercrombie and Kent Foundation. \$10,000. Funded.

Erickson, J., Place, JMP, **Renbarger, K.M**., Abebe, S., et al. The Muncie-Afghan Project. Women of Beneficence Grant. \$30,000. Not funded

Erickson, J., S. Abebe, Place, J.M., **Renbarger, K.M.,** Su, S., Begum, M. Making Healthcare More Accessible for Afghan Refugees in Muncie. Indiana State Department of Health, Centers for Disease Control and Prevention. \$63,134.81 (Proposal 23-0394), Not funded

Place, J.M., Slater, G., Thaller, J., **Renbarger, K.M.**, Placek, C. The Evaluation of the Moms Heal Together Program \$150,307.00. Substance Abuse and Mental Health Services Administration (Proposal 23-0394), Submitted.

Slater, G. & **Renbarger, K.M.** Volunteers of America of Ohio and Indiana Fresh Start Behavioral Health Evaluation Project, \$322,903.00 Submitted

Goldsby, B., Abebe, S., **Renbarger, K.M**., Muliira, J. Microaggressions among Marginalized Nursing Students: Perceptions that Influence Wellbeing and the Effects of Intersectionality. Sigma Theta Tau International (Proposal 23-0405) \$4,700.00 Not Funded

Slater, G. & **Renbarger, K.M**. Neonatal Abstinence Syndrome (NAS) Prevention Program for Pregnant Women and Women with Newborns. Volunteers of America (21-0525). June, 2022. \$548,138.00 Funded.

Trainor, K., Kruzliakova, N., Place, J.M., **Renbarger, K.M.**, Placek, C. The Healthy Mother's Program Presents: Maternal and Infant Health Solution Facilitated Discussion Sessions. Indiana State Department of Health Title V. \$13,200.00 Funded

Renbarger, K.M., Place, J.M., Hess, C., & Burkhardt, L. Mitigating the Effects of COVID-19 on Maternal Mental Health through a Community-University Partnership. Indiana Clinical and Translational Science Institute Trailblazer Planning Grant. October, 2021-September 30, 2023. \$25,000 Funded.

Renbarger, K.M. & Slater, G. Investigating the Perceptions of Maternal Mortality in Women with Substance Use Disorders Proposal 22-0279, \$5,000 Association of Women's Health, Obstetric, and Neonatal Nurses

Abebe, S., Goldsby, B., **Renbarger, K.M,** & Place, J.M. "African American Infant Mortality Utilizing the Life Course Perspective to Increase Awareness and Decrease Health Disparities," Sponsored by Indiana Minority Coalition, \$50,000 (September 2021-August 2022). Funded.

Renbarger, K.M., Place, J.M., Hess, C., & Burkhardt, L. A Community-University Collaboration Aimed to Improve Maternal Mental Health in Delaware County (Proposal A21-0085). Indiana Clinical and Translational Science Institute Trailblazer Planning Grant (Grant #G0001623A). October 26, 2020-September 30, 2022. \$5,000 Funded.

Renbarger, K.M. Research to improve the quality and access of treatment for mental health issues for women during pregnancy and postpartum. Provost Start-up funds (Proposal A21-0035). Ball State University. August 1, 2020-July 31, 2021. \$19,464.00 Funded.

Renbarger, K.M., Twibell, R. Place, J.M., & Trainor, K. Exploring the Perceptions of Nurses and Women from the Lay Public on Issues Related to Maternal Mortality in Indiana. Sigma Theta Tau. (Proposal 21-0365) \$2,500 Not Funded

Slater, G.Y., Thaller, J., Place, J.M., & **Renbarger, K.M**. SAMHSA Services Grant Program for Residential Treatment for Pregnant and Postpartum Women. Volunteers of America of Indiana (Proposal A18-0090). U.S. Department of Health and Human Services. Substance Abuse and Mental Health Services Administration [SAMHSA] (Grant # G0001181A). September 30, 2019 – September 29, 2020, \$47,500. Funded.

Slater, G.Y., Thaller, J., Place, J.M., & **Renbarger, K.M**. SAMHSA Services Grant Program for Residential Treatment for Pregnant and Postpartum Women. Volunteers of America of Indiana (Proposal A18-0090). U.S. Department of Health and Human Services. Substance Abuse and Mental Health Services Administration [SAMHSA] (Grant # G0001181A). September 30, 2018 – September 29, 2019, \$47,500. Funded.

Renbarger, K.M., Place, J.M., Kandiah, J., & Placek, C. The Lived Experiences of Postpartum Women with Depressive and/or Anxiety Symptoms during the COVID-19 Pandemic. Postpartum Support International \$4,995.00, Not Funded

Renbarger, K. M., Joyce Fitzpatrick Psychiatric Nursing Research Grant, International Society of Psychiatric Nurses, April, 2019-2020, \$3,000, Funded.

Slater, G.Y., Thaller, J., Place, J.M., & **Renbarger, K.M**. Fresh Start Pilot Project Evaluation (Proposal A18-0297), Indiana State Department of Health (Grant #G0001183A). July 1, 2020-June 30, 2020. \$60,000, Funded.

PRESENTATIONS

Invited

Renbarger, K.M., Hess, C., Hess, R. (2024) Maternal Mental Health: Challenging Stigma and Building Trusting Relationships. Maternity Hospital Quality Improvement Network, New York City Department of Health and Mental Hygiene. Spring 2024, virtual presentation, New York City, New York.

Renbarger, K.M. & Phelps, B. (2022). *The Voices of Perinatal Nurses in Midst of a Substance Use Crisis*. Invited oral presentation to the 6th Annual Perinatal Substance Exposure Summit. Virtual, November 4, 2022.

Completed

Hatton, A., Ellis, E., Reed, M., & **Renbarger, K**. Attitudes Towards Substance Use in Pregnancy: A Survey of Nursing Students. Poster presentation. Ball State University, College of Health, CHIRPS week, April 15, 2024.

Hatton, A., Ellis, E., Reed, M., & **Renbarger, K**. Attitudes Towards Substance Use in Pregnancy: A Survey of Nursing Students. Oral presentation. Ball State University, Student Symposium, April 17, 2024.

Abebe, S., **Renbarger, K.M.,** & Huffman, O. The Nurse Practitioners Assessment, Evaluation, and Management of E-cigarette or Vaping Use Associated Lung Injury (EVALI). 2024 CAPNI APRN conference, poster presentation, French Lick, Indiana, February 29-March 1, 2024

Renbarger, K.M., Slater, G., & Phelps, B. The Role of Nurses in Preventing Maternal Deaths Among Women Who Use Substances and Live in Indiana. Poster Presentation submitted to the Indiana Center for Nursing 2023 Online Indiana Nursing Summit, virtual, November 6, 2023.

Abebe, S., Dawes, A. & **Renbarger, K.M**. A Quantitative Assessment of African American Infant Mortality Regarding Health Promotion and Risk Reduction. Poster Presentation submitted to the Indiana Center for Nursing 2023 Online Indiana Nursing Summit, virtual, November 6, 2023.

Slater, G., Trainor, K., **Renbarger, K.M.,** & Kammel, K. Pilot Evaluation of Recovery Capital Scale with Pregnant and Parenting Mothers. 69th Annual Program Meeting of the Council on Social Work Education, October 26-29, 2023.

Slater, G., Thaller, J., Place, J.M., **Renbarger, K.M.,** & Kammel, K. Opioid treatment program for pregnant and parenting women: Fresh Start 5-year evaluation project. 69th Annual Program Meeting of the Council on Social Work Education, October 26-29, 2023.

Renbarger, K.M., Abebe, S., Muliira, J., & Goldsby, B. Black Nursing Students' Experiences with Microaggressions. Poster presentation submitted to the 2023 National League for Nursing Summit, Washington D.C., September 28-30, 2023.

Renbarger, K.M., Abebe, S., & Kroot, A. (2023). Risk Factors Associated with Substance Use and Relapse in the Perinatal Period: A Thematic Synthesis, Poster presentation submitted to the Wisconsin League for Nursing 2023 Spring Conference, April 21, 2023.

Renbarger, K.M. Addressing Maternal Mental Health in Delaware County through a Community-University Partnership. College of Health Speaker Series, Ball State University, February 8, 2023.

Twibell, R., **Renbarger, K.M.**, Broadstreet, A., Place, J.M.P., Trainor, K.E., Jones, H., Fry, S. (2022) Gaps in *Maternal Mortality: What Can Nurses Do?* Poster presentation submitted to the IU Health 48th Annual Nursing Research Conference. Methodist Hospital, Indianapolis. December 2, 2022.

Abebe, S., Goldsby, E., **Renbarger, K.M.,** & Hall, G. (2022). *The Nurse Practitioner: Addressing Stuttering Priapism in Individuals with Sickle Cell Anemia*. Poster presentation submitted to the 2022 Virtual Indiana Nursing Summit. Virtual, November 7, 2022.

Abebe, S., Place, J.M., **Renbarger, K.M**., Goldsby, E., & Hall, Gabriel. *Collaboration and Commitment to Serve Individuals and Families in Delaware County*. Poster presentation submitted to the National League of Nursing Education Summit, Las Vegas, Nevada, September 28-30, 2022.

Renbarger, K.M., Twibell, R., Broadstreet, A., Place, J.M.P., Trainor, K.E., Jones, H., Fry, S. (2022) *Maternal Mortality in Indiana: What are Nurses and Women Missing?* Poster presentation submitted to the IU Health East Central Region Nursing Evidence-based Practice and Research Event, IU Health Ball Memorial, IU Health Jay, & IU Health Blackford Hospitals, September 21, 2022.

Renbarger, K.M., Jones, H., McIntire, E., Broadstreet, A., Place, J.M., Trainor, K., Fry, S., Twibell, R. (2022). *Perceptions of Maternal Mortality from Mothers in Indiana*. Poster presentation submitted to the Indiana 2022 AWHONN Conference, Fishers, Indiana, August 19, 2022.

Slater, G. & **Renbarger, K.M.** *Breastfeeding Basics* (2022). Oral presentation to staff at VOAINOH Fresh Start Recovery Center, Virtual, August 9, 2022.

Renbarger, K.M. (2022). *Maternal Mortality: Perspectives of Nurses and Mothers in Indiana*. Oral presentation to the Healthy Mothers Discussion and Solution Series, virtual, June 24, 2022.

Renbarger, K.M., McIntire E., R. Twibell, Place, J.M., Trainor, K., Jones, H., Broadstreet, A. (2021). *Nurses' Perceptions of Maternal Mortality in Indiana*. 2021 IU Health Nursing Research Virtual Conference "New Knowledge for a New Season: Evidence and Innovation," virtual, December 1, 2021.

Abebe, S., Goldsby, E., **Renbarger, K.M**, & Place, JMP. *Infant Mortality and African Americans: Using a Life Course Perspective to Encourage Transformation*. Online Indiana Nursing Summit. November 1, 2021.

Hess, C., Place J.M., **Renbarger, K.M**., & Burkhart, L. (2021). *Maternal Mental Health as a Pathway to Peace*. Oral presentation submitted to the Benjamin V. Cohen Peace Conference: Building a Beloved Community, virtual, April 9-10, 2021.

Renbarger, K.M., Moorman, M., Latham-Mintus, K, Shieh, C., & Draucker, C. (2021). *Building Trust Between Pregnant and Postpartum Women with Substance Use Disorders and Their Maternity Nurses*, poster presentation submitted to the International Society of Psychiatric-Mental Health Nurses Conference, Ball State University, virtual, March 23-25, 2021.

Abebe, S., Goldsby, B., & **Renbarger, K.M.** (2021). *African American Infant Mortality: An Interprofessional Collaboration Utilizing the Life Course Perspective to Increase Awareness and Decrease Health Disparities.* Oral presentation submitted to the Global Virtual Summit on Nursing Education: Nursing Diversity Program, March 21, 2021.

Renbarger, K.M. & Draucker, C. (2021). *Maternity nurses' approaches to pain management when caring for women with perinatal opioid use disorders*. Oral presentation submitted to the Virtual Nursing Education Summit 2021, March 19 & 20, 2021.

Abebe, S., Goldsby, B., & Renbarger, K.M. (2021). *A theory-based approach utilizing telehealth for pregnant women with opioid use disorder*. Oral presentation submitted to the Global virtual summit on Nursing Education Nursing Diversity 2021, March 15 & 16, 2021.

Renbarger, K.M., Moorman, M., Latham-Mintus, K, Shieh, C., & Draucker, C. (2020). *Building trust between pregnant and postpartum women with substance use disorders and their maternity nurses*, poster presentation submitted to the Labor of Love Conference, virtual, December 10, 2020.

Renbarger, K.M., Place, J.M., & Broadstreet, A. (2020). *The role of social support through shared pregnancy experiences*, presentation at the Labor of Love Conference, Virtual, December 10, 2020.

Abebe, S., Goldsby, B., & **Renbarger, K.M.** (2020). *Imogene King's Theory to Aid Indiana's Compromised Neonates*. Poster presentation submitted to 2020 Virtual Indiana Nursing Summit, November 2020.

Renbarger, K.M., Shieh, C., Moorman, M., Latham-Mintus, K., & Draucker, C. *The healthcare encounters of pregnant and postpartum women who use substances,* poster presentation submitted to the Midwest Nursing Research Society virtual conference, Schaumburg, Illinois, April 1-4, 2020.

Slater, G, **Renbarger, K.M.**, Schumacher, S., & Woods, B. (2019). *Innovative options in pregnant and postpartum addictions treatment and recovery: Pilot results of the Fresh Start Recovery Center at VOAOH-IN*, Labor of Love Conference, Indianapolis, December 11, 2019.

Slater, G., Schumacher, S. Thaller, J., Place, J. M., & **Renbarger, K.M.** (2019, October 26). *Preliminary efficacy of a residential opioid treatment program for pregnant and post-partum women*. Paper presented at the Council on Social Work Education Annual Program Meeting, Denver, CO.

Slater G.Y., Thaller J., Place J., & **Renbarger K.M.** (March, 2019). *Considering trauma and trauma-informed care in opioid addiction recovery for pregnant and postpartum women.* Fall 2019 Scholarship Series. Invited talk at College of Health, Ball State University, IN.

Thaller J., Place J., **Renbarger, K.M**., & Slater, G. (2019). *Examining the strengths, weaknesses, opportunities, and threats of implementation of an in-patient opioid addiction recovery program for women and children,* presentation at the International Congress of Qualitative Inquiry, University of Illinois at Urbana-Champaign, May 17, 2019.

Place J., Thaller J., Slater, G., & **Renbarger, K.M.** (2018). *Examining the strengths, weaknesses, opportunities, and threats of implementation of an in-patient opioid addiction recovery program for women and children,* poster presentation submitted to the Indiana Public Health Conference, Indianapolis, IN, October 11, 2018.

PUBLICATIONS

Non-refereed

- Indiana Department of Health (2022). *Maternal Mortality Review Committee: 2022 Annual Report*. <u>https://www.in.gov/health/cfr/files/MMR-Report-September-2022.pdf</u>
- Indiana Department of Health (2021). *Maternal Mortality Review Committee: 2021 Annual Report*. <u>https://www.in.gov/health/cfr/files/Maternal-Mortality-Report-11.16.21.pdf</u>

Refereed

- Renbarger, K. M., Slater, G., Phelps, B., & Brewer, L. (2024). Perceptions of supportive factors for reducing risk of maternal mortality among women with substance use disorders in a rural Setting. *Nursing for Women's Health*, S1751-4851(24)00128-4. Advance online publication. https://doi.org/10.1016/j.nwh.2024.03.004
- **Renbarger K.M.** (2024). Factors Influencing Maternal Substance Use and Recovery in the Perinatal Period. *Western Journal of Nursing Research*, https://doi.org/10.1177/01939459241266736
- Place, J. M. S., Renbarger, K., Van De Griend, K., Guinn, M., Wheatley, C., & Holmes, O. (2024). Barriers to help-seeking for postpartum depression mapped onto the socio-ecological model and recommendations to address barriers. *Frontiers in global women's health*, 5, 1335437. <u>https://doi.org/10.3389/fgwh.2024.1335437</u>
- Anyango, J. & **Renbarger, K.M.** (2024). Thematic Synthesis of the Experiences of Intimate Partner Violence Among Mothers Who Use Substances. *Nursing for Women's Health.*
- Renbarger, K. M., Slater, G., & Phelps, B. (2024). Knowledge of Maternal Mortality Risk Among Women with substance use disorders during Pregnancy and Postpartum. *MCN. The American Journal of Maternal Child Nursing*, 49(1), 38–43. https://doi.org/10.1097/NMC.000000000000971
- Renbarger, K.M., Abebe, S., Place, J.M. Goldsby, E., Hall, G., & Kroot, A. (2023). Perspectives of Infant Mortality from African American Community Members. *Women's Health Reports*, 4(1), 423-430. <u>https://doi.org/10.1089/whr.2023.0017</u>
- Abebe, S., Goldsby, E., & Renbarger, K. (2023). Assessment of Stuttering Priapism in Individuals with Sickle Cell Disease. *The Journal for Nurse Practitioners*, 19 (5). https://doi.org/10.1016/j.nurpra.2023.104550
- Renbarger, K.M., Phelps, B., Broadstreet, A., & Abebe, S. (2023). Factors Associated with Maternal Engagement in Infant Care When Mothers Use Substances. *Women's Health Reports*, 4 (1), 48-64. https://doi.org/10.1089/whr.2022.0082
- Renbarger, K.M., Place, J.M., Twibell, R., Trainor, K., & McIntire, E (2023). Perspectives of Maternal Mortality Among Women Living in Indiana. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 52 (1), 62-71. https://doi.org/10.1016/j.jogn.2022.09.006
- **Renbarger, K.M.,** Phelps, B., & Broadstreet, A. (2022). Provider Characteristics that Hinder Relationships with Black Women in the Perinatal Period. *Western Journal of Nursing Research*, 45 (3), 215-225. doi:10.1177/01939459221120390
- **Renbarger, K.M.,** McIntire, E., Twibell, R., Broadstreet, A., Trainor, K., Place, J.M., Jones, H., & Fry, S. (2022). Descriptions of Maternal Mortality from Nurses Who Practice in Perinatal Settings. *Nursing for*

Women's Health. 26 (4), 288-289.

- Renbarger, K. M., Trainor, K. E., Place, J. M., & Broadstreet, A. (2022). Provider Characteristics Associated with Trust When Caring for Women with Substance Use Disorders in the Perinatal Period. *Journal of Midwifery and Women's Health*. <u>https://doi.org/10.1111/jmwh.13320</u>
- Renbarger, K.M., Phelps, B., Brand, J., & Broadstreet, A. (2021). Nurses' Descriptions of Interactions when Caring for Women with Perinatal Substance Use Disorders. *Nursing for Women's Health*, 25(5), 366-376. https://doi.org/10.1016/j.nwh.2021.07.006
- Renbarger, K.M., Place, J.M., & Schreiner, M. (2021). The Influence of Four Constructs of Social Support on Pregnancy Experiences in Group Prenatal Care. *Women's Health Reports*, 2.1, 154-162. https://doi.org/10.1089/whr.2020.0113
- Renbarger, K.M. & Draucker, C. (2021). Nurses' Approaches to Pain Management for Women with Opioid Use Disorder in the Perinatal Period. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*. 50(4), 412-423. https://doi.org/10.1016/j.jogn.2021.03.001
- Renbarger, K.M., Moorman, M., Latham-Mintus, K., Shieh, C., & Draucker, C. (2020). Factors Associated with a Trusting Relationship Between Pregnant and Postpartum Women with Substance Use Disorders and Maternity Nurses. *International Journal of Childbirth*, 10(4), 180-197. http://dx.doi.org/10.1891/IJCBIRTH-D-20-00018
- Abebe, S., Goldsby, B., & Renbarger, K.M. Telehealth for Pregnant Women with Opioid Use Disorder: A Theory-based Approach (2020). *Journal of Psychosocial Nursing and Mental Health Services*, 58(20):13-20. https://doi.org/10.3928/02793695-20201112-03
- Renbarger, K.M., Shieh, C., Moorman, M., Latham-Mintus, K, & Draucker, C. (2020). The Health Care Encounters of Pregnant and Postpartum Women who Use Substances, *Western Journal of Nursing Research*, 42(8), 612-628. doi:10.1177/0193945919893372

ACCEPTED MANUSCRIPTS

- **Renbarger, K.M.**, Anyango, J., & Pannell, A. (in-press). Nursing Students' Attitudes Towards Women with Substance Use Disorders in the Perinatal Period. *Journal of Nursing Education*
- Abebe, S., Place, JMP, Goldsby, B., **Renbarger, K.M**., Dawes, A., & Hall, G. (In-press). A Quantitative Evaluation of African American Infant Mortality. *American Journal of Nursing*.