

Antonia S. Mead, PhD, MCHES Shawna A. Barnes, Rennae A. Williams, EdD, ATC Johnson C. Smith University

AAHPERD 2013

What is Infant Mortality?

The death of a baby before his or her first birthday.

Centers for Disease Control and Prevention

Infant Mortality Rates

- In the U.S.*
 - 6.75 deaths per 1,000 deaths-US
 - 13.31 Non-Hispanic Black Americans
 - 5.63 Non-Hispanic White Americans
- · In North Carolina*
 - 7.2 babies deaths per 1,000 live births
 - 5.5 white babies deaths per 1,000 live births
 - 12.9 African American (non-Hispanic) babies deaths per 1,000 live births

NC Healthy Start Foundation

More Facts...

- · Over 50% of all pregnancies are unplanned.
- Preterm births are at higher risk for infant mortality.
- 25,000 infants die each year in the United States.
- 1 in 33 U.S. babies is born with birth defects.

Sources: NC Preconception Health Campaign, Centers for Disease Control and Prevention, March of Dimes, Office of Minority Health

Who is Impacted by Infant Mortality?

- African Americans have 2.3 times the infant mortality rate as non-Hispanic whites.
- African American mothers were 2.3 times more likely than non-Hispanic white mothers to begin prenatal care in the 3rd trimester, or not receive prenatal care at all.

Sources: NC Preconception Health Campaign, Centers for Disease Prevention, March of Dimes, Office of Minority Health

What is Preconception Health?

- Preconception health refers to the health of women and men during their reproductive years.
- It emphasizes individuals thinking about how their behaviors, lifestyles, and medical conditions affect their ability to live healthy lives and to have healthy children.

What is PPE?

- May 2007, the Office of Minority Health (OMH), of the Department of Health and Human Services launched A Healthy Baby Begins with You to raise awareness about infant mortality
 - Focus on the African American community
- Created the Preconception Peer Educators (PPE) get message out to target college age students

PPE Goals

Preconception Peer Educators Training Goals

- Reach the college-age population with targeted health messages emphasizing preconception health and healthcare.
- Train minority college students as peer educators.
- Arm the peer educators with materials, activities and exercises to train their peers in college and in the community at large.

Approaches to Educating Our Community

- > Three Phases of Conception
- Infant Mortality Fact Yards during Infant Mortality Awareness Month
- > Crisis in the Crib Viewing & Discussion
- > Program partnerships with Residence Life, Athletics
- > Off campus at local churches and schools
- > Preconception Through the Arts

"Bright Beginnings, Healthy Futures-A Look At Preconception Health Through The Arts"

- A unique approach to educate our peers about preconception health.
 - PPEs performed
 - Collaborated with the Visual and Performing Arts department at JCSU.
 - Utilized videos accessed on YouTube
 - Enlarged photos of babies under the age of 1 (including preemies)







Our Event



Successes & Challenges

Successes

- Attendees learned valuable information
- Students joined the PPE organization

Challenges

- Making sure the message would be understood
- Incorporating different aspects of the performing arts
- Program conflicts on campus

What You Can Do

- · Get Involved
- · Educate your family & community
 - JCSU PPEs will come to your campus and train students
 - · Be a role model



References

- · Centers for Disease Control and Prevention
- NC Healthy Start Foundation
- NC Preconception Health Campaign, Centers for Disease Control and Prevention, March of Dimes, Office of Minority Health

Contact Information

- Shawna Barnes, President, <u>sabarnes@jcmail.jcsu.edu</u>
- Advisors:
 - Dr. Antonia Mead, amead@jcsu.edu, 704-378-1236
 - Dr. Rennae Williams, <u>rwilliams@jcsu.edu</u>, 704-378-3561



JCSU Preconception Peer Educators

