

# DR. BETTYE WASHINGTON GREENE



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Industrial research chemist in polymer and latex science and engineering

- BS in Chemistry 1955 from the Tuskegee Institute
- PhD from Wayne State University in 1965
- First Professional African American Woman at Dow Chemical (1965-1990)
- Emphasized promotion of African American Women through the Delta Sigma Theta Sorority
- Areas of Innovation:
  - Colloid and Polymer Chemistry
  - Latex Chemistry
  - Surface Tension of Liquids and Solutions

# NOTABLE PUBLICATIONS AND PATENTS

## Dr. Greene's PhD thesis

[CITATION] **Determination of particle size distributions in emulsions by light scattering**(Light scattering method for determining particle size distributions in colloids of ...

BW GREENE - 15 NOV. 1965 138 P REFS, 1965

## **Redispersible Styrene/Butadiene Latexes. 1. Preparation and Properties**

**B. W. Greene,\* A. R. Nelson, and W. H. Keskey**

*The Dow Chemical Company, Designed Latexes and Resins Laboratory, Midland, Michigan 48640 (Received October 12, 1979)*

*Publication costs assisted by The Dow Chemical Company*

## **United States Patent [19]**

**Greene et al.**

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[54] **STABLE LATEXES CONTAINING  
PHOSPHORUS SURFACE GROUPS**

## **United States Patent [19]**

**Makati et al.**

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[54] **LATEX BASED ADHESIVE PREPARED BY  
EMULSION POLYMERIZATION**