

# Women of Excellence Lecture Series

## Finding Certainty in Randomness: My Journey with Mathematics



Dr. Tanya Moore

Board of Directors, Building Diversity in Science

TLPDC Room 153

Thursday, March 27, 2014 at 3:30 p.m.

Refreshments at 3:00 p.m.

### ABSTRACT:

I love finding patterns. But, for a long time I couldn't find them in my own life. Growing up life events felt random, chaotic even. Discovering mathematics in college gave me a way of bringing order and possibility into my life. Professionally, it laid a foundation for me to tackle challenging social problems in health and education, and it inspired me to fully engage life.

### BRIEF BIOGRAPHY:

Tanya Moore, PhD, is a native of Berkeley, CA. She received her doctorate training in the field of Biostatistics at the University of California, Berkeley. Prior to attending UC Berkeley, Dr. Moore obtained a BS degree in Mathematics from Spelman College and a Masters in Science and Engineering from the Mathematical Sciences Department at The Johns Hopkins University. After completing a postdoctoral HIV/AIDS research training program in the Department of Biostatistics at the University of California, Los Angeles she returned to her hometown to address the issue of health inequities. Currently, Dr. Moore works for the City of Berkeley Public Health Department and is the lead of the Chronic Disease Prevention Program. Her efforts are focused primarily on reducing the rates of high blood pressure, cardiovascular disease and diabetes in the African-American community in South and West Berkeley. Tanya is the creator and co-chair of the Infinite Possibilities Conference, a conference designed to support, empower and promote underrepresented minority women mathematicians. Dr. Moore is also one of the authors of *Finding Your North: Self-Help Strategies for Science Related Careers*.

### PRESENTERS:

Young Women in Mathematics

### SUPPORTERS:

