

# **Partnership for Research and Education in Materials (PREM) Principal Investigator's Meeting**

***Working with Administration on  
Building and Sustaining a  
Culture of Research***

***Presented by***

***Shaik Jeelani, Ph.D., P.E.***

***Vice President for Research and Sponsored  
Programs***

***Tuskegee University***

***April 26, 2010***



# ***Working with Administration on Building and Sustaining a Culture of Research***

## **Barriers:**

- **Primarily Undergraduate Institutions**
- **Administrators with lack of Scientific background**
- **Research Mission not taken seriously**
- **A lack of appreciation for Publications and Presentations**
- **Research not on the Agenda**

# ***Working with Administration on Building and Sustaining a Culture of Research***

## **Strategies:**

- **Make yourself Visible**
- **Involve Administrators in Research Meetings/Conferences**
- **Show the impact of Research on Education**
  - **Course Development/Enhancement**
  - **Laboratory Development**
  - **Collaboration with Industry**
- **Parental/Alumni Involvement**

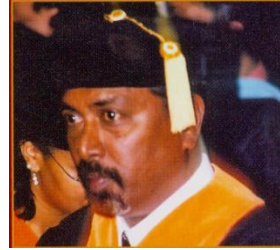
### 2003-2009 Graduates



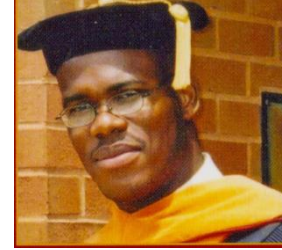
Dr. Tonnia Thomas  
Dr. Sabyasachi Ganguly



Dr. Valerie Moses



Dr. Krishnan Kanny



Dr. Harvey Hall



Dr. Nathaniel Chisholm



Dr. Michael Awaah



Dr. Reene Rodgers



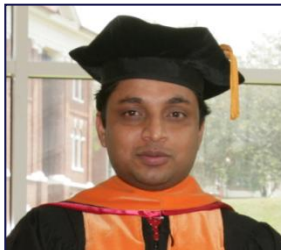
Dr. Merlin Theodore



Dr. Maria Calhoun



Dr. Lazbourne Allie



Dr. Shaik Zainuddin



Dr. Dangale Robinson



Dr. Wanda Jones

### 2010 Candidates



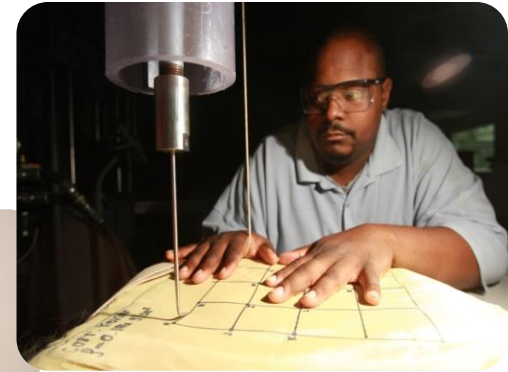


# TUSKEGEE UNIVERSITY

Ph.D. Program in Materials Science & Engineering

## Impact on Education and Outreach

Ph.D.



Masters



Undergraduate



High School





# TUSKEGEE UNIVERSITY

Cutting-Edge Research in Materials Science & Engineering

## Impact on K-12



**TU Research**  
**Nanobio Science**



**STATE MSP**  
**Alabama Nanobio  
Science Partnership**

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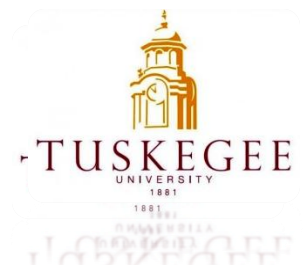
## **Strategies (cont'd.)**

- **Invite Program Managers/Agency Directors**
- **Share/Explain Buzz Words**
- **Show Impact on Overhead Recovery**
- **Publish Brochures and Annual Reports**
- **Have Elected Officials Talk About your Research**



*“We are very proud...of our record of support for...Tuskegee and other historically Black institutions that have such a superb record in graduating truly contributing scholars, engineers, and scientists.”*

*Dr. Rita R. Colwell,  
Former Director,  
National Science  
Foundation*



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