



# 2<sup>nd</sup> NCSU Forensic Science Symposium

December 8, 2009

Convocation Room, College of Textiles, NCSU

(Directions: [www.tx.ncsu.edu/college/directions.pdf](http://www.tx.ncsu.edu/college/directions.pdf))

## Agenda

- 8:00 Registration
- 9:00 Welcome  
Vice Chancellor Terri Lomax  
*Vice Chancellor for Research and Graduate Studies*
- Keynote Address**
- 9:15 The State of Forensic Sciences in the United States  
Dr. Douglas H. Ubelaker  
*The Smithsonian Institution*
- Overview of North Carolina Program for Forensic Sciences**
- 10:00 *Towards a NC Forensic Science Institute*  
*The NIJ-NC State-Professional Training Podcast*  
Drs. Wes Watson, Ann Ross,  
Billy Oliver, & David Hinks  
*North Carolina State University &  
NC Department of Cultural Resources*
- 10:30 Break
- Forensic Science Research and Case Studies**
- 11:00 Probing Materials at the Nano Level  
Dr. Stephen Singletary  
*Southeastern North Carolina Regional  
Microanalytical and Imaging Center  
(<http://www.sencr-mic.org/>) Fayetteville State Univ.*
- 11:20 Latent Evidence Imaging/RUVIS  
Mr. Dyer Bennett  
*Sirchie Fingerprint Laboratories, Youngsville, NC*
- 11:45 Lunch & Presentation  
Image Processing of Forensic Evidence  
Dr. John Russ, Emeritus Professor  
*Material Science & Engineering, NCSU*
- 1:00 Osteopathology: Forensic Anthropology  
and Medicine  
Dr. Douglas R. Ubelaker  
*The Smithsonian Institution*
- 1:25 Death Investigation: A Collaborative Effort  
Dr. Sam Simmons  
*NC Office of Chief Medical Examiner*
- 2:00 Forensic Microscopy: Hair and Fiber Analysis  
Dr. Russell Gorga  
*Dept. Textile Engineering, Chemistry & Science*
- 2:25 IC-CRIME: Interdisciplinary Cyber-Enabled  
Crime Reconstruction through Improved  
Methodology and Engagement  
Drs. Mitzi Montoya, Michael Young, Tim Buie  
David Hinks, Keith Beck and Liana Fryer  
*NCSU Colleges of Management, Engineering,  
Design & Textiles*
- 2:50 COMFFAD: Development of the Comparative  
Finished Fiber Analysis Database  
Drs. Keith Beck, Dieter Griffis and David Hinks  
*Dept. Textile Engineering, Chemistry & Science  
NCSU Analytical Instrumentation Facility*
- 3:10 Concluding Remarks on the Plans for Growth  
in Forensic Sciences  
Drs. Ann Ross and Billy Oliver  
Dr. Jon Rust, Department Head  
*Dept. Textile Engineering, Chemistry & Science*

**Open Discussion, Tours and Demonstrations**

3:15	Poster Session:	Graduate students
	Optional Tours:	
	College of Textiles Laboratories	Dr. David Hinks, College of Textiles
	Analytical Instrumentation Facility	Dr. Dieter Griffis
	Demonstrations:	
	Latent Evidence Analysis & Imaging	Mr. Dyer Bennett, <i>Sirchie Fingerprint Laboratories</i>
	Ground Penetrating Radar	Mr. Ron Crowson <i>GeoSolutions, Inc.</i>
	3D Laser Scanning of Crime Scenes	Mr. Nick England <i>3<sup>rd</sup> Tech., Inc.</i>
4:30	Adjourn	