

## NTC Site Directors

Haskell Beckham, an Associate Professor at Georgia Tech, joined the faculty in 1993. He received a B.S. in textile chemistry at Auburn and a Ph.D. in polymer science at M.I.T. in 1991 whereupon he served a 2-year postdoctoral internship at the Max Planck-Institute (Mainz). His research interests include polymer and textile chemistry, synthesis and properties of functionalized polymers and solid state NMR investigations of polymer molecular structure, order and dynamics.

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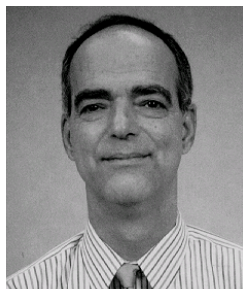
Yasser A. Gowayed, an Associate Professor at Auburn joined the faculty in 1992, when he received a Ph.D. in fiber and polymer science at NC State. He also earned a M.S. in materials engineering from the American University (Cairo) in 1989 after an 8-year career in industry as a structural designer and civil engineer. Yasser's research interests include modeling and analysis of textile composites, image analysis, geotextiles and re-utilization of solid wastes.

F92-A02, F92-S12, F94-A08, F95-A24\*, I95-A11, F98-A04, I96-A09, F00-PH05, S01-PH07, C02-AE08\*  
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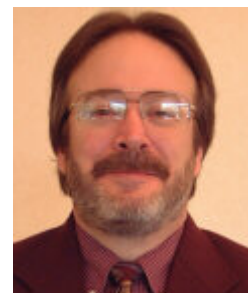
David R. Buchanan is an Associate Dean of the College of Textiles and a Professor in Textile Engineering at NC State where he has been on the faculty since 1978. Dave received a Ph.D. in physical chemistry from Ohio State in 1962 whereupon he had an industrial research career at Chemstrand, Phillips Fiber and Phillips Petroleum before joining the faculty at Cornell in 1975. His research interests include the characterization and control of fabric properties in textile and apparel manufacturing.

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Gary C. Lickfield, an Associate Professor in Textiles, Fiber & Polymer Science at Clemson, joined the faculty in 1986. He earned a Ph.D. there in physical chemistry in 1983 and a B.S. in chemistry from Ursinus College in 1978. Gary's research interests include molecular modeling, polymer surfaces and interfaces modification and characterization, wetting and adhesion.

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Joan L. Chandler, a Lecturer and Research Associate in Textiles and Clothing at UC Davis, joined the staff in 1981 following 4 years in retail management with Weinstocks. Joan earned a B.S. in home economics in 1975 and an M.S. in consumer science and textiles in 1977, both at UC Davis. Her research interests include the social and cultural aspects of clothing, apparel production, consumer and educational issues in textiles.

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Anil N. Netravali, a Professor of Fiber Science at Cornell, joined the faculty in 1987 after a postdoc in Materials Science and Engineering at Cornell. Anil earned his M.S. in textiles in 1973 from Bombay Univ. and an M.S. (1980) and Ph.D. (1984) in fiber and polymer science from NC State. His research interests include high strength fibers, advanced and "Green" composites, fiber/resin interface modification, polymer durability and geotextiles.

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**Christopher M. Pastore**, an Associate Professor of Textile Engineering and Technology and Director of Research of the School of Textiles and Materials Technology at PhilaU, joined the faculty in 1995. Previously he was on the Textile Materials Science faculty at NC State and the Materials Engineering faculty at Drexel Univ. Chris holds a B.A. and M.S. in mathematics and a Ph.D. in materials engineering from Drexel in 1988. His research interests include modeling of fabric and composite structures.

F92-S12, F92-S09, F98-P01\*, S99-PH01\*, F00-PH01, F00-PH05\*, S00-PH08, S01-PH07, S03-PH01

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**Douglas V. Rippy**, a Professor in Fiber and Polymer Science at Clemson, joined the faculty in 1989 from the University of Dayton. He earned a B.S. in textile management in 1964 and a Ph.D. in operations research engineering in 1974 from Clemson, also holds an M.S. in logistics management from the Air Force Institute of Technology in 1968 where he taught while serving in the U.S. Air Force 1964-1980. His research interests include applications of mathematical programming, simulation and statistical analysis techniques to the study of manufacturing problems.

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**Carol Warfield**, a Professor and Head of the Department of Consumer Affairs at Auburn, joined the faculty in 1977 after teaching textiles at the University of Illinois for 10 years. She received a Ph.D. in family and consumption economics in 1977 and an M.S. in textile science in 1967 from the University of Illinois and a B.S. in home economics education from South Dakota State in 1959. Carol's research interests include world production and distribution of textiles and apparel, textile and apparel industry competitiveness and consumer wear studies.

I92-A05, I93-A04\*

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**Steven B. Warner**, a Professor and Chair of Textile Sciences at UMass Dartmouth since 1994, earned a Sc.D. in polymer and material science & engineering from M.I.T. in 1976. He then spent 12 years in industrial research at Hoechst-Celanese and Kimberly-Clark and 5 years on the faculty of Georgia Tech. Steve is the author of the texts: *The Science and Design of Engineering Materials* and *Fiber Science*. His research interests include fibers science, microstructure of nonwovens and fluid management in fibrous assemblies and properties.

F92-G01, M95-G08\*, C95-G02, M98-D01, M98-D03, C97-G31, S99-MD16, M00-MD03, M00-MD08, F00-MD06, M01-MD22, M02-MD08; F03-AE02, F03-MD15, M03-MD14, S03-MD13s

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