

NTC Site Directors

Haskell Beckham, a 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 post-doctoral 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.



M95-G08, C95-G20, C95-G13*, C97-G11*, C05-GT04*, F04-GT05, F06-GT05

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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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Harold S. Freeman, a Professor of Dyestuff Chemistry at NC State, joined the faculty in 1982. He received a Ph.D. in organic chemistry from NC State in 1981 while working as an organic chemist at Burroughs-Wellcome. Harold's research interests include synthetic pigment and dyestuff chemistry, especially computer-aided design, purification, photodegradation, environmental interactions and instrumental analysis.



C92-S02*, M95-S22*, C98-S04*, C99-AE07, C02-PH03

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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*, M05-AE11*

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Yong K. Kim, a Chancellor Professor of Textile Sciences at UMass Dartmouth, joined the faculty in 1981 when he earned a Ph.D. in fiber and polymer science from NC State. Yong also earned an M.S. in textile engineering from Seoul National University (Korea) in 1974. His research interests include micro- and nano-composite materials, textile process design and manufacturing systems and mechanics of fibrous structures.



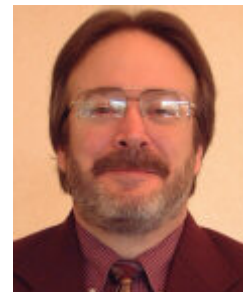
F97-D01*, F98-D04, M00-MD08*, M02-MD08, F03-MD01*, S03-MD13s, F04-MD11*, F04-MD12, M04-MD07, F06-MD09, F08-MD01*

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Gary C. Lickfield, a 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.



F92-S12, M95-S22, C97-C03*, M98-CL05, C99-CL03, C00-CL01*, C01-CL01, M02-CL04, C06-CL01

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Anil N. Netravali, a Professor of Fiber Science at Cornell, joined the staff in 1984 as a postdoctoral associate in Materials Science and Engineering and then in 1987 joined the faculty in Textiles and Apparel. Anil earned a B.S. and an 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 and polymer durability.

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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.

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Fernando Tovia, an Associate Professor and Program Coordinator of Industrial and Systems Engineering at PhilaU, joined the faculty in 2004. Fernando earned a B.S. from Univ. of the Americas (Mexico) in 1981 and an M.S. from Oklahoma State Univ. in 1987 (both in industrial engineering, and a Ph.D. in engineering from Univ. of Arkansas in 2004. He spent 20 years working in production planning, strategic planning and as an executive in the textile industry in Mexico. His research interests include supply chain management, inventory management, service parts logistics, emergency logistics and engineering education.

C05-PH01, F05-PH03, F05-PH05, M08-PH05*

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