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Dr. Bradford is an Assistant Professor in the Department of Textile Engineering, Chemistry and Science at North Carolina State University. With a PhD degree in Materials Science and Engineering (NCSU-2010), and MS and BS degrees in Textiles Engineering (NCSU-2007,2005), his current research interest is focusing on spanning these two disciplines in the area of carbon nanotubes. His research group starts with the synthesis of ultra-high aspect ratio carbon nanotube arrays and is developing new techniques to process these carbon nanotubes into structures resembling traditional textiles.