

## Letter from the Editor

### Research Briefs and NTC Annual Reports -- Searchable in Cyberspace

This *Research Briefs* is also available electronically on our World Wide Web site at <http://ntc.tx.ncsu.edu> for you to download or E-mail to someone else. In fact, all *NTC Research Briefs* and *NTC Annual Reports* that have issued since December 1993 are on the NTC Web site. Once you get to the site you can find the report you are looking for in two ways. First, they are organized the same way the paper copies are -- click on *Research Briefs*, then on the report you want to read or download. Secondly, you can now search all the reports at once or limit your search to just one report. At the initial NTC home page, click on *Search Engine*. *You* will be asked to enter a keyword or several keywords connected with “and” or “or” [Yes, you have some Boolean logic capability!]. You can also ask to include synonyms of your keywords and for all words containing your keyword. For example, a search for “apparel and sew” found 18 “apparel” articles where 16 contained the words “sew”, “sewn” or “sewing” and one each with “sewage” and “elsewhere”. So give it a try!

### “Talk” to Us:

As you read this issue of *Research Briefs* you might have a question or simply want to find out more about an NTC project. As well as checking out the longer, more detailed annual report on the Web, we encourage you to telephone the NTC primary investigators directly or to write them on E-mail. See the inside back cover for telephone numbers and E-mail addresses.

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## Table of Contents

### **Material Science**

*Research in the design, development, manufacture and measurement of natural and synthetic polymers and fibers, including polymer mixtures and additives.*

|   |   |
|---|---|
| <b>Structured Fibers from Chaotic Mixing</b> .....  | 1 |
| By inducing chaotic mixing in the melt, we can extrude filaments with intrinsic fibrous reinforcement. [M96-C1]                 |   |
| <b>Rapid Solidification of Polymeric Fibers</b> .....   | 1 |
| We are developing macroscopic and molecular models for the rapid directional solidification of polymeric fibers. [M96-G19]      |   |
| <b>Using Biotechnology for New Fibers</b> .....   | 2 |
| Using microbes, we have produced novel polypeptide structures which show promise of being melt-extrudable into fibers. [M96-A2] |   |

|   |          |
|---|----------|
| <b>Molecular Structure of High Tech Fibers</b> .....  | <b>3</b> |
| An understanding of molecular microstructure is necessary to produce fiber of high mechanical strength and electrical conductivity. [M95-C4]          |          |
| <b>Designing Molecules Using Molecular Orbital Theory</b> .....   | <b>4</b> |
| We are designing textile fibers, dye molecules and chemical auxiliaries by computer and have spun a modified PBZT polymer so designed. [M95-S22]      |          |
| <b>Low Cost, Tough Industrial Fibers</b> .....  | <b>5</b> |
| We are synthesizing synthetic spider dragline silk based on liquid crystal technology and solid state polymerization of nylon and polyester. [M95-G8] |          |
| <b>Biotechnical Production of Polyesters</b> .....  | <b>6</b> |
| We are exploring the enzymatic production of polyester to reduce costs and to achieve novel functionality. [Seed Project: M97-G2]                     |          |

***Fabrication***

*Research in the design, development, manufacture and measurement of fibrous structures, including yarns, textiles, garments, nonwovens, carpets, coated fabrics, papers, preforms, etc.*

|  |           |
|--|-----------|
| <b>Computer Aided Apparel Equipment Design</b> .....   | <b>7</b>  |
| We are applying computer-aided-engineering techniques to develop precise fabric handling capabilities for apparel assembly processes. [F95-S20]                    |           |
| <b>Nonlinear Models for Yarn Transport Systems</b> .....   | <b>8</b>  |
| We are developing nonlinear models that predict the tension and balloon shape of yarns undergoing high speed translation and rotation. [F97-C5]                    |           |
| <b>Shuttle Plate Braider</b> .....   | <b>9</b>  |
| We are refining the control/operating software and expanding the flexibility of the shuttle plate braider to permit the weaving of more moving yarn ends. [F95-C9] |           |
| <b>Fiber Friction</b> .....  | <b>10</b> |
| We are developing methodology to fundamentally understand and characterize staple fiber friction. [F96-A3]   |           |
| <b>Nonwovens from Recycled Fibers</b> .....  | <b>11</b> |
| We are developing a test method to quantify mechanical damage to fibers. [F97-D2]  |           |
| <b>Flock Fundamentals</b> .....  | <b>12</b> |
| We are developing a fundamental understanding of flock materials and flocking processes. [F95-D1]  |           |
| <b>Comfortable Barrier Textile Systems</b> .....   | <b>12</b> |
| We are developing fabrics and garment systems that protect the wearer against liquid and airborne hazards, yet are comfortable and cost effective. [F95-S24]       |           |
| <b>Fabrication Competency Seed Projects</b> .....  | <b>14</b> |
| Textile Composites [F97-S15] and Geotextiles [F97-A3]  |           |

## **Chemical Modification**

*Research in dyeing, finishing and waste reduction in textile processes.*

- Real-Time Control of Batch Dyeing** ..... 15  
We have developed a novel data acquisition and control system that allows real-time monitoring of individual dye concentrations in mixtures, pH, temperature and conductivity. [C95-S4]
- Enzymatic Dyeing and Finishing** ..... 16  
We are developing a fundamental understanding of the mechanism of enzymatic hydrolysis in conjunction with dyeing and finishing of cellulosic fibers. [C96-A1]
- Supercritical Fluid** ..... 17  
We are investigating the properties of supercritical fluids for use as processing fluids and for analytical applications such as extraction. [C95-C3]
- Ultrasonics to Dye and Dry** ..... 18  
We are developing a fundamental understanding of the mechanisms of ultrasonic-assisted textile wet processing. [C95-G13]
- Quick Response Printing** ..... 19  
We are developing electrophotographic and inkjet printing processes for quickly applying complex patterns to textile substrates without effluent. [C95-G1]
- Biological Renovation of Reactive Dyebaths** ..... 20  
We are developing an anaerobic bioreactor system to remove color and reuse spent reactive dyebaths. [C96-G2]
- Dye Diffusion in Polyamide and Polyester Fibers** ..... 21  
We are seeking ways to eliminate dye streaks based on understanding the mechanisms which limit the thermal mobility of polymer molecule segments in fibers. [C95-S7]
- Moisture Transport in Textiles** ..... 22  
We are using magnetic resonance imaging (MRI) to gain a deeper understanding of moisture transport in textile structures. [C97-G31]
- Flexible Crosslinking Systems in Durable Press Cotton** ..... 22  
We are investigating how crosslinking alters mechanical strength and abrasion resistance in non-formaldehyde durable press finished cotton fabrics. [C97-C3]
- Designing Enzyme Systems for Specific Textile Processes** ..... 23  
**Through** mechanistic understanding, we hope to be able to tailor enzyme systems and treatment conditions for specific textile processes. [Seed Project: C97-A6]

## **Intelligent Systems**

*Research in systems to enable rapid response, including computer modeling, sensor technology, expert systems, customer interactive design, market research and demand-activated, closed-loop production systems.*

- Mass Customization** ..... 24  
We are exploring the process of mass customization of apparel with an emphasis on understanding how a consumer driven integrated textile complex would function. [I95-A19]

|  |           |
|--|-----------|
| <b>Artificial Life Simulation of Textile/Apparel Marketplace</b> .....   | <b>25</b> |
| We are examining the complex self-organizing system of the textile/apparel marketplace to detect patterns in emerging behaviors. [I95-A20]                     |           |
| <b>On-Line Data Measurement</b> .....  | <b>27</b> |
| We are designing a data measurement system that will eliminate wasteful on-line data handling. [197-S 1]   |           |
| <b>Intelligent Systems for U.S. Softgoods Complex</b> .....  | <b>28</b> |
| We are developing flexible software tools and analysis techniques to support strategic planning and decision making in the U. S. softgoods complex. [I95-S2]   |           |
| <b>Integrated Information Systems for Textile Manufacturing</b> .....  | <b>29</b> |
| We are designing integrated information management systems for textile manufacturing operations for responsive dynamic networking of organizations. [196-S 15] |           |
| <b>Lifestyle Aspiration as a Purchasing Motivation</b> .....*  | <b>31</b> |
| We are developing predictive models of future purchases based on consumers' current images of aspirational lifestyles. [I97-A11]                               |           |
| <b>Demand Responsive Marketing</b> .....   | <b>32</b> |
| Global consumer studies identify ways to enhance consumer acceptance of U.S. textile and apparel products in foreign markets. [I95-A23]                        |           |
| <b>Intelligent Systems Competency Seed Projects</b> .....  | <b>32</b> |
| Product Costing [I97-S8], New Generation Textile Complex [I97-S10] and Channels to Market [197-S 13]   |           |
| <b><i>For Further Information (References)</i></b> .....   | <b>33</b> |
| <b><i>Abbreviations</i></b> .....  | <b>36</b> |
| <b><i>Index By Project Management</i></b> .....  | <b>37</b> |
| <b><i>Index By Principal Contributors</i></b> .....  | <b>40</b> |
| <b><i>Discontinued Projects</i></b> .....  | <b>41</b> |
| <b><i>NTC Directory: Principal Investigators and Staff</i></b> .....   | <b>42</b> |