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EDUCATION

- Ph.D. 1982 University of Tennessee, Knoxville, TN; College of Home Economics
Major: Textile Science; Minors: Chemistry and Consumer Studies
- M.S. 1973 University of Tennessee, Knoxville, TN; College of Home Economics
Major: Textiles and Clothing
- B.S. 1971 Morehead State University, Morehead, KY; Department of Home
Economics: Major: Vocational Home Economics Education

PROFESSIONAL EXPERIENCE

- 5/95 - Present Professor: University of Kentucky, Lexington, KY, Retailing & Tourism
Management Department.
- 8/93-5/95 Acting Department Chair: University of Kentucky, Lexington, KY,
Interior Design, Merchandising, and Textiles Department.
- 6/89-5/95 Associate Professor: University of Kentucky, Lexington, KY, Interior
Design, Merchandising, and Textiles Department.
- 93-00 (summers) Professor in Industry: *Laundry Fundamental Research*. General
Electric Appliance Park, Laundry Division, Louisville, KY.
- 87-90 (summers) Research Scientist for the EPA Project: University of Tennessee,
Knoxville, TN, Textiles, Merchandising, and Design Department.
- 8/84-6/89 Assistant Professor: University of Kentucky, Lexington, KY, Human
Environment: Design and Textiles Department.
- 8/82 - 5/83 Assistant Professor: Berea College, Berea, KY, Home Economics
Department.
- 1/77 - 9/78 County Agent for Home Economics: Kentucky State University,
Frankfort, KY, Cooperative Extension Service.
- 9/73 - 1/77 County Agent for Home Economics: University of Kentucky, Lexington,
Kentucky Cooperative Extension Service.
- 1/71 - 7/72 Teacher of Vocational Home Economics: Hazard High School, Hazard,
KY.

RESEARCH ACTIVITY**RESEARCH GRANTS: External**

Easter, E., P.I. "NAILM: Quality Control Evaluation." National Association of Institutional
Linen Management, \$13,032, 1/88-12/88; \$13,838, 1/89-12/89; \$14,186, 1/90-12/90;
\$18,500, 1/91-12/91; \$18,276, 1/92-12/92; \$25,632, 1/93-12/93; \$26,662, 1/94-12/94;
\$27,641, 1/95-12/95; \$28,155, 1/96-12/96; \$30,359, 1/97-12/97; \$34,129, 1/98-12/98, \$33,
622, 1/99-12/99; \$33, 426, 1/00-12/00; \$36, 488, 1/01-12/01; \$37,164, 1/02-12/02; \$38,937,
1/03-12/03; \$36,318, 1/04-12/04; \$36,398, 1/05-12/05; \$35,962, 1/06-12/06; 1/07-12/07;
\$34,293, 1/08-12/08; \$38,608, 1/09-12/09; \$38,785, 1/10-12/10; \$36,084, 6/11-12/11;
\$27,779, 1/12-12/12; \$28,149, 1/13-12/13; and \$28,771, 1/14-12/14 with a Grand Total of

\$806,493; 1/88-12/14, (funded).

Easter, E., P.I. *Cotton Incorporated Laundry Study*. Cotton Incorporated, Gary, NC. \$65,574, 1/12-12/12; \$30,000, 1/13-12/13; and \$60,000, 1/14-12/14 with a Grand Total of \$155,574, 1/12-12/14, (funded).

Easter, E., P.I. *Firefighter Durability Research: Evaluating Used Firefighter's Gear to determine how Protection Levels Change over the Lifetime of the Garment*. FEMA-Fire Prevention and Safety R&D Grant. 6/2012 to 12/2013, \$750,000. (unfunded)

Easter, E., P.I. *DuPont Company/University of Kentucky Research Study on Evaluating Used Technical Rescue Gear to Determine Appropriate Retirement Age*. National Institute of Standards and Technology (NIST)" account of FY 2011 Commerce, Justice, Science and Related Agencies Appropriations Bill. (submitted 10/2010 for \$1.0 million – unfunded)

Easter, E., P.I. *DuPont Company/University of Kentucky Research Study on Evaluating Used Firefighter's Gear to Determine Appropriate Retirement Age*. National Institutes of Standards and Technology (NIST)" account of FY 2010 Commerce, Justice, Science and Related Agencies Appropriations Bill. (submitted 2/2009 for \$1.0 million; \$200,000 funded for FY 2010 with an extension to 10/2011).

Easter, E., P.I. (8/2005) *Pre-Screening Evaluations of Rinse Performance of Clothes Washers*, Association of Home Appliance, Washington, DC, \$12,111.26, (funded)

Easter, E.P. P.I. "Lion Apparel, Inc. Fellowship Endowment" to support a Graduate Research Assistantship, \$10,000, 11/00; \$10,000, 11/01; \$10,000, 10/02; and \$10,000, 9/03, 10/04, Total: \$50,000, (funded).

Easter, E.P., P.I. "Lion Apparel, Inc. Fellowship Endowment" matching funds from the Research Challenge Trust Fund, Commonwealth of Kentucky's Research Challenge Trust Fund. \$50,000, 2001, (funded).

Easter, E., P.I. "Evaluation of Design Options for Protective Clothing for Fire Fighting." Lion Apparel Inc., \$12,941, 9/95-8/96, (\$3,000 donated in kind).

Easter, E., P.I. "Evaluation of Washing Machines: Horizontal vs. Vertical Axis." General Electric Appliance Park, \$5,922, 5/95-8/95, (funded).

Walker, J., P.I., Easter, E. and Johns, C., co P.I. "Apparel and Textile Industry Support Center." National Institute of Standards and Technology, \$100,000, 9/92, (unfunded).

Easter, E., P.I. "Evaluation of Spontaneous Combustion of Towels in Simulated Home Laundry." General Electric Appliance Park, \$5,460, 5/92-12/92, (funded).

Easter, E., P.I. "Evaluation of Scotchlite Reflective Fabric 8910 for Durability During Simulated Laundering Conditions." 3M Company, \$7,321, 1990, (unfunded).

Easter, E., P.I., Wadsworth, L., co P.I. "Evaluation of 'HELSA SAFE' as a Barrier of

Pesticide Protection for Dermal Exposure Reduction in Pesticide Application." Rohm and Haas Company, \$25,479, 89-90, (funded)

Easter, E. and Horstman, S. W., co. P. I. "Herbicide and Pesticide Exposure in Areas of Kentucky Agriculture: Evaluation and Motivation of Changes in Self Protective Behavior" Subgrant of NIOSH: "Cooperative Agreement Program for Centers for Agricultural Research, Education, and Disease Injury Prevention." P.I. R. McKnight, \$34,000, 1990, (unfunded).

Research Grants: Internal

Easter, E., P.I. "2001-2002 Research Equipment Initiative." University of Kentucky, Research and Graduate Studies: \$43, 070.62 (denied).

Easter, E., P.I. "2000-2002 Equipment Replacement Pool Request." University of Kentucky, Research and Graduate Studies: \$10, 338.47 (denied), \$3,800 (denied), and \$28, 750 (denied).

Easter, E., "Special Renovation Grant - Textile Laboratory - \$18,350", University of Kentucky, Research and Graduate Studies, College of Human Environmental Sciences, 6/01-1/02 (funded).

Easter, E., P.I. "2000 Research Equipment Initiative." University of Kentucky, Research and Graduate Studies: \$28, 750 (denied).

Easter, E., "Special Renovation Grant - Textile Laboratory - \$8,807", University of Kentucky, Research and Graduate Studies. 8/99 (funded).

Easter, E., P.I. "Major Research Equipment Competition." University of Kentucky, Research and Graduate Studies, \$23,493, 1989, (denied); \$34,000, 1990, (denied); \$46,922, 1991, (\$5,400 funded); \$24,585, 1992, (denied); \$16,545, 1993, (funded); \$24,400, 1996, (funded); \$85,403, 1997, (denied); \$10, 090, 2000 (funded).

Johnson, M.P., P.I. and Easter, E. P., co P.I. "Farm Safety: Displays for Extension Service Programs." University of Kentucky, College of Medicine. Agricultural Health and Injury Prevention Seed Grant, \$6,000, 7/94-6/95, (funded).

Easter, E. "Special Grant: Travel to present at the American Chemical Society in San Francisco, CA." University of Kentucky, Research and Graduate Studies, \$1,200, 1992, (funded).

Easter, E. and Dedic, B.J., co. P.I. "Research Assistant for the Kentucky Apparel Sizing Project of Women Aged 55+." Sanders Brown Center on Aging, \$2,000, 1/92-5/92, (funded).

Dedic, B.J. and Easter, E., co. P. I "Kentucky Apparel Sizing Project of Women Aged 55+." Kentucky Extension Homemakers Association, \$3,386, 4/91-10/91, (funded).

Easter, E., P.I. "Research Assistant for the S-208 project: Evaluation of Quality

Characteristics of Fabrics used for Protective Clothing for Agriculture Workers." College of Human Environmental Sciences, \$3,108, 10/90-6/91, (funded).

Schmelzer, C. and Easter, E., P. I. s "A Comparison of Customer Acceptance, Usage, and Wearability of Two Types of Table Linens in a Foodservice Establishment." College of Home Economics, \$670.25, 7/89-6/90, (funded).

Easter, E. "Emerging Research Thrust Area Funding." University of Kentucky Graduate School, \$12,000, 1988, (funded).

Easter, E. "Bond Issue Research Equipment Funding." University of Kentucky Graduate School, \$18,000, 1987, (funded).

Easter, E., P.I. "Retailing for the Elderly Consumer." Multidisciplinary Center of Gerontology, \$5,400, 1/86-12/86, (funded).

Hoskin, S.J., P.I., and Easter, E., c o. P.I. "The Relationship of Clothing to the Self-Esteem of Single Parent Females." Majorie Stewart Research Award, \$250, 1986, (funded).

Easter, E., P.I. and Hoskin, S.J., co. P. I. "Assessment of an Apparel Production Program." College of Home Economics, \$542, 1986, (funded).

Easter, E., P.I. and Hoskin, S.J., co. P. I "Bond Equipment Proposal", University of Kentucky Graduate School., \$24,400, 1985, (unfunded).

Other Research Activity:

Director, (1/88-present). *NAILM: Quality Control Laboratory*, Provides a testpiece service for the National Association of Institutional Linen Management Association.

Project Leader, (2000-present). The Clothes Care Research Center™ (CCRC) a cooperative effort among Cotton Incorporated, GE Consumer & Industrial, Milliken & Company, Procter & Gamble, and VF Imagewear. The University of Kentucky's Textile Testing Laboratory and Northwestern University's McCormick School of Engineering and Applied Science provide unbiased oversight to design and conduct CCRC's research projects to help consumers save time and money by identifying the best in-home cleaning and maintenance techniques to extend the life and performance of fabrics.

Supervised, Textile Testing Laboratory: utilizing both undergraduate and graduate students as lab technicians or research assistants to conduct basic textile testing for product development and evaluation for:

- General Electric Appliance Park, Louisville, KY, 1993-on going
- Louisville Bedding, Louisville, KY, 1998-on going
- Lion Apparel, Inc. Dayton, OH, 1996-on going
- ALM (NAILM), Richmond, KY, 1988-on going
- CSC Network, The National Alliance of Independent Laundries, 2011-on going
- Disney World Resort – Textile Services, Orlando, FL, 2011-on going
- Med-I-Pant, Inc., Anjou, Quebec, 1997-2000
- Vintex, Inc. Canada, 1998-on going

- Royal Appliance Industries, Glenwillow, OH, 2001-2002
- Corbin Ltd., Ashland, KY, 1989-2002
- IndustrOzone, Punta Gorda, FL, 1998-2002
- Amberco, Mundelein, IL, 1990-2001
- Kentucky Tobacco Warehouse Association, 1993-1999
- J. Peterman Co., Inc., Lexington, KY, 1988-98

Technical Review, (4/01). *New Technologies for the Utilization of Textile Materials.* Agricultural Experiment Station: Southern Regional Hatch Project DC 00-01.

Project Leader, (10/97-9/00). *Development and Assessment of Innovative Textile Material for Environmental Compatibility, Health and Safety.* Agricultural Experiment Station: Southern Regional Hatch Project DC 95-06.

Project Leader, (10/91-96). *Assessment of the Environmental Compatibility of Textiles and other Polymeric Materials.* Agricultural Experiment Station: Southern Regional Project: #S-250, Hatch Project KY00523.

Director, (1/88-present). *NAILM: Quality Control Laboratory,* Provide a testpiece service for the National Association of Institutional Linen Management Association.

Project Leader, (10/87-9/91). *Textile Fiber Systems for Performance, Protection and Comfort.* Agricultural Experiment Station: Southern Regional Project: #S-208 Hatch Project.

Research Scientist and Quality Assurance Officer, (5/87-8/90). *Protective Apparel for Dermal Exposure Reduction insecticide Application.* Environmental Protection Agency Project: CR 812486-01-0, University of Tennessee, J .O. DeJonge, Project Director.

Graduate Faculty Activities:

Master's Degree Thesis Directed (Major Professor):

Hackett, Tara. (in progress) *Life Cycle Assessments of Denim Jeans and Cotton T-Shirt.*

Houston, Tabitha. (in progress) *Identification of Soils on Firefighter Turnout Gear from the Philadelphia Fire Department.*

Cinnamon, Meredith. (12/2013) *Post Use Evaluation of Firefighters' Turnout Gear: Retired or Ten Years or Older Gear.*

Trenkamp, Stacy. (5/2011). *Post Use Evaluation of Firefighters Turnout Gear: Volunteer*

Cotterill, Deena. (12/2009). *Post Use Evaluation of Firefighters Turnout Gear*

Mussetter, Amanda. (1/2009). *Analysis of Tagless Labels of Firefighters' Stationwear.*

Belcher, Jodie. (8/2008). *An Analysis of the Care and Maintenance of Fleece Fabric.*

Doty, Kasey. (8/2007). *Evaluation of High Performance Textiles.*

Simmons, Kristin. (2/2006). *Analysis of the Labels of Firefighters' Protective Clothing.*

Rahn, N. (8/2004). *Evaluating Instrumental Measurement and Visual Assessment of Textiles with and without Optical Brighteners.*

Haywood, N. (5/2003). *Analysis of Dominance Jewelry Retail Environment Imposes on Consumer by Withholding Access to Merchandise and*

- Merchandise Price Information.*
- Kingsland, C. (5/2003). *Analysis of Soil Removal from Firefighting Turnout Gear: An Evaluation of Soil Removal and Laundering Procedures.*
- Watson, S. (5/2002). *Economic Analysis of Fruit of the Loom & NAFTA's Impact*
- Newsome, C. (12/2000). *Evaluation of Moisture Barriers for Fire Fighting Turnout Gear*
- Meyerrose, D. (5/1999). *Evaluation of Leather Upholstery*
- Roberts, L. (12/1998). *Measurements of Textiles and Apparel Quality in the Global Market*
- Tomasmi, M. (12/1998). *An Assessment of Labeling Requirements of Textiles and Apparel Products in the United States and Specific Global Markets*
- Vogelpohl, T. (1996). *Evaluating Design Options for Protective Clothing for Fire Fighting*
- Shaw, A. (1996). *Evaluation of the Quality of Textile and Apparel Imported from Russia*
- Glass-Lamb, T. (1993). *The Impact of Barcoding on the Retail Environment*
- Davis, M. R. (1992). *The Kentucky Apparel Sizing Project*
- Pack, J. H. (1992). *The Fashions of a Madam: A Material Culture Analysis of Garments from the Belle Brezing Collection*
- Forester, C.F. (1991). *Consumer Responses to the Retail Store Environment: An Exploration of Color, Lighting and Density*

Graduate Student Advisor and/or Course Work Committee: 1990-14, 1-3 students/year
Southeast Consortium: assisted graduate student preparation of presentations.

SCHOLARLY ACTIVITY

Courses Taught:

- DMT 772: *Seminar in Interior Design, Merchandising, and Textiles:* Current investigation of textiles, apparel, interior design.
- DMT 650: *Survey of Current Theories and Literature:* An intensive survey of the theoretical and empirical literature related to the area of Interior Design, Merchandising, Apparel and Textiles. Emphasis will be placed on research literature and theory building.
- HES/RTM 600: *Research Methodology in Human Environmental Sciences:* Students will study scientific techniques and accepted methodologies in Human Environmental Science research. Emphasis is placed on understanding the research process and developing the skills necessary to evaluate and implement research methods and design procedures.
- DMT 525: *Economics of the Apparel and Textile Industry:* A critical review of the apparel and textile industries, including structure, marketing practices, and government policies that affect merchandising and consumption of apparel and textile products. Factors such as the role of labor unions will be examined as well as the effect of international trade on apparel and textile products.
- DMT 520: *Textiles for Interiors:* Selection, cost, expected performance and care of textiles used in residential and commercial interiors.
- MAT 515: *Specification and Evaluation of Textiles and Apparel:* The quality control

evaluation of textile products, both apparel and interiors. The development of specifications and evaluation of a product.

MAT 480: The study tour focused on the 'Fashion Industry' from design to presentation. Students participated in 4 days of seminars in New York City; attended seven Fashion shows during 'Fashion Week' and visited numerous sectors of the Fashion Industry.

DMT 121: *Textiles*: The study of the chemical and physical properties of textiles from fiber to finished fabric. Laboratory analysis of the relationship between properties and performance characteristics. Survey of legislation, maintenance requirements, and product specifications.

MAT 120: *Textiles for Consumers*: A study of textiles with emphasis on consumer applications. Properties of fibers, yarns, fabric structures, colors, and finishes as related to end use. Survey of legislation and of maintenance requirements.

Courses Developed:

DMT 525: *Economics of the Apparel and Textile Industry*

MAT 515: *Specification and Evaluation of Textiles and Apparel*

Courses Revised:

HES/RTM 600: Research Methodology in Human Environmental Sciences

MAT 772: *Seminar in Interior Design, Merchandising & Textiles*

DMT 650: *Survey in Current Theories and Literature*

DMT 545: *Clothing for Specific Needs*

DMT 520: *Textiles for Interiors*

DMT 306: *Analysis of Apparel Quality*

MAT 120/121: *Textiles for Consumers/Textiles*

Undergraduate Activities:

Undergraduate Advisor: 35 + students per year

Supervised Independent Problem Courses: 3 - 4 students per year

Grader, DMT 120: Textiles for Consumers, Independent Study Course, Independent Study Program, University of Kentucky: 2004-06; 8-10 students per year.

Supervised the MAT Club Denim Drive with Cotton Inc.: over 75,000 pairs collected from 2009-2014.

Continuing Education Instructor:

American Laundry and Linen College, Basics of Linens, National Association of Institutional Linen Management, Eastern Kentucky University, Richmond, KY: 2-4 hour classes per year, 12-15 students per session, 1986-14.

Mercantile Continuing Education Program, *New Directions in Textiles*, Seminar presentations at Mercantile East Stores for sales associates; 1 Mercantile Stores University, 1 Lexington, 3 Toledo, 7 Cincinnati, (12 total with an average attendance of 35) 6/96-9/96.

University of Cincinnati, Department of Environmental Health, Continuing Education

Course: Pesticides, Health, and the new EPA Worker Protection Standards: Wearing & Maintaining Protective Clothing & Equipment, (3 hour lecture/workshop), Cincinnati, OH, 9/93.

Other Scholarly Activities:

- Reviewed Promotion materials of Dr. Hye-Shin Kim, University of Delaware for promotion to the rank of Professor, 8/2014.
- Reviewed Promotion materials of Dr. Suraj Sharma, University of Georgia for tenure and promotion to the rank of Associate Professor, 4/2014.
- Reviewed Promotion materials of Dr. Ann Beth Presley, Auburn University for promotion to the rank of Professor, 8/2009.
- Reviewed Promotion materials of Dr. Runying Chen, East Carolina University for tenure and promotion to the rank of Associate Professor, 5/2004.
- Reviewed Promotion materials of Dr. Jonathan Chen, Louisiana State University for tenure and promotion to the rank of Associate Professor, 4/2002.
- Reviewed Promotion materials of Dr. Sara Kadolph, Iowa State University for promotion to the rank of Professor, 4/2002.
- Presentation to DMT 772, Textile Research for the Industry, S/2002

PUBLICATIONS:

Refereed Journal Articles:

- Klausing, S.T., Maloney, J. & Easter, E.P. (2012) Evaluating Dimensional Change in Home Laundry – Washer vs. Dryer, *AATCC Review*. AATCC Review. Vol 12, No. 6, November/December.
- Cotterill, D.G. & Easter, E.P. (2011) An Evaluation of Used Firefighter Turnout Gear to Determine the Durability of the Gear in Use. *ASTM F23 Ninth Symposium on Performance of Protective Clothing and Equipment: Emerging Issues and Technologies*. Book of Papers.
- Cotterill, D.G., Easter, E.P. & Mullekom, J.V. (2011) Firefighter Turnout Gear Durability Study – Evaluation of Visibility Trim. *Journal of Fire Technology*, Article No. s10694-010-0189-2, Springer Vol 47, 601-613.
- Doty, K.C. & Easter, E.P. (2008). An Analysis of the Care & Maintenance of Performance Textiles and Effects of Care on Performance.
- Easter, E.P. (2007). Impact of Energy Savings on Clothes Care-the Interaction of New Developments in Appliances, Additives and Textiles. *Journal of Environmental Monitoring & Restoration*, Vol 3. No. 1, 167-175.
- Easter, E.P. and Ankenman, B.E. (2006). *Evaluation of the Care & Performance of Comfort Stretch Knits Fabrics*. AATCC Review, 6, (11), 33-37.
- Easter, E.P. and Ankenman, B.E. (2005). *A Comparison of Soil Repellent vs. Dual Action Fluorocarbon Finishes on Cotton Blends*. AATCC Review, 5, (11), 27-31.

Easter, E.P. and Ankenman, B.E. (2004). *Care Practices for Fluorocarbon Treated Garments: A Case Study*. AATCC Review, 4, (3), 12-16.

Johnson, M. and Easter, E. P. (1999, July). Personal Protective Equipment Displays for County Extension Service Programs. *Journal of Pesticide Safety Education*, 1, 1-6, American Assoc. of Pesticide Safety Educators. (<http://scholar.lib.vt.edu/ejournals/JPSE>).

Ramaswamy, G. and Easter, E. (1997). Durability and Aesthetic Properties of Kenaf/Cotton Blend Fabrics. *Textile Research Journal*, 67, (11).

Reagan, B.M., Sarmadi A., Easter, E. P., Crews, P.C., Ladish, C.M., Johnson, D. G., Dale, A., Laughlin, J. M., Orr, C.L., and Lattie, R. K. (1996). Influence of Fluorescent Whitening Agents on Silk Phototendering and Dye Fading. Intersectional Technical Paper Competition: Midwest Section, *Textile Chemists & Colorists*, 22, (5), 17-21.

Nigg, H. N., Stamper, J. H., Easter, E. P., and DeJonge, J. O. (1993). Protection Afforded Greenhouse Pesticide Applicators by Coveralls: A Field Test. *Archives of Environmental Contamination and Toxicology*, 25, (3), 529-533.

Nigg, H. N., Stamper, J. H., Easter, E. P., and DeJonge, J. O. (1992). Field Evaluation of Coverall Fabrics: Heat Stress and Pesticide Penetration. *Archives of Environmental Contamination and Toxicology*, 23, (3), 281-288.

Easter, E. P., and Nigg, H. N. (1992). Pesticide Protective Clothing. *Reviews of Environmental Contamination and Toxicology*, 129, 1-16.

Nigg, H. N., Stamper, J. H., Mahon, W.D., Easter, E.P., and DeJonge, J.O. (1990). Protection Afforded Citrus Pesticide Applicators by Coveralls. *Archives of Environmental Contamination and Toxicology*, 19, (3), 635-639.

Reagan, B.M., Sarmadi A., Easter, E. P., Crews, P.C., Ladish, C.M., Johnson, D.G., Dale, A., Laughlin, J.M., Orr, C.L., and Lattie, R.K. (1989). Influence of Fluorescent Whitening Agents on Silk Phototendering and Dye Fading. Intersectional Technical Paper Competition: Midwest Section, *Textile Chemists & Colorists*, 22, (5), 17-21.

Leonas, K. K., Easter, E. P., and DeJonge, J. O. (1989) Effect of Fabric Characteristics on Pesticide Penetration through Selected Apparel Fabrics. *Bulletin of Environmental Contamination and Toxicology*, 43, 231-238.

Easter, E. P. and DeJonge, J. O. (1985). The Efficacy of Laundering Captan and Guthion Contaminated Fabrics. *Archives of Environmental Contamination and Toxicology*, 14, 281-287.

Easter, E. P., Leonas, K. K. and DeJonge, J. O. (1983). A Reproducible Method for the Extraction of Pesticide Residues from Fabrics. *Bulletin of Environmental Contamination and Toxicology*, 31, 738-744.

Easter, E. (1983). Removal of Pesticide Residues from Fabrics by Laundering. *Textile Chemists and Colorists*, 15, (3), 29-33.

Easter, E., and Lietzke, M. H. (1982). The Preparation of Water Samples of Known Hardness. *Textile Chemists and Colorists*, 14, (4), 24-25.

Noel, C.J., Easter, E., and Carter, M. (1975). Anti-Redeposition Behavior of Cellulose Derivatives in Detergent. *Textile Chemists and Colorists*, 7, (5), 29-33.

Editor Reviewed Articles:

Easter, E.P. (2008). Fabric Technology: High-performance Fabrics meet the daily demands of High-traffic Applications. *Upholstery Journal*. June/July 2008, 14-19.

Easter, E.P. (2007). Textile Superhighways: High-Traffic Commercial Upholstery, *Industrial Fabric Products Review*. Sept 2007, 48-54.

Easter, E.P. (2007). Environmental Impact of Laundry. *Future Fashion White Papers*, Earth Pledge, New York, NY, 2007, 94-104.

Easter, E. P. (2006, November/December). Institutional High Performance Textiles. *NLM JOURNAL*, Vol 1, No.4, 12-14.

Easter, E. P. (2003, June/July). Whiteness Index and the Assessment of the NAILM Testpiece. *NLM JOURNAL*, Vol 1, No.4, 12-14.

Easter, E. P. (2000, April/May). Hospitality Linens for the Table. *NAILM NEWS*, Vol 61, No.2, 32-36.

Easter, E. P. (1999, April/May). Laundry Test Piece Service as a Tool for Improved Quality. *NAILM NEWS*, Vol 60, No.2, 15-17.

Easter, E. P. (1998, January). Testpiece Service Option Meets Your Laundry's Specific Needs, *NAILM NEWS*, Vol 59, No.1, 24-26.

Easter, E. and Johnson, M. (1996, June). Farmers get hands-on Experience in Pesticide Application Training. *Kentucky Farmer*. 8.

Easter, E. P. (1994). Quality Control as a Laundry Manager: Special Testing and Product Evaluation. *NAILM NEWS*. Vol 51. 8, 16.

Easter, E. P. (1990, December). NAILM's Laundry Test Piece Service. *NAILM NEWS*, 8-9.

Easter, E. P. (1990). Nonwovens Block Pesticide Penetration. *Nonwovens World*, 5, (6), 8-9.

Refereed Papers Published in Proceedings and Symposium Publications:

Easter, E., Cinnamon, M., Baker, E. (2013). Assessing the impact of wash water temperature, detergent type, and laundering platform on basic clothing attributes. 2013 Proceedings of AATCC International Conference, 215-223.

Cinnamon, M. (2013). Post use analysis of firefighter turnout gear: phase III. *2013 Proceedings of AATCC International Conference*, 68-77. (Directed by Elizabeth Easter)

Cinnamon, M., Trenkamp, S., Cotterill, D., Easter, E. (2013). Post-use analysis of firefighter turnout gear: phases I, II, & III. *14th International Conference and Exhibition on Fire Science and Engineering*, 1383-1394.

Cotterill, D.G. & Easter, E.P. (2012) An Evaluation of Used Firefighter Turnout Gear to Determine the Durability of the Gear in Use. ASTM F23 Ninth Symposium on Performance of Protective Clothing and Equipment: Emerging Issues and Technologies. Anaheim, CA 6-16-2011.

Deena G. C., Kessinger, M.B. and Easter, E.P. (2009) *Clothes Care Labels – Recommended Temperature for Wash & Dry Cycles*. Book of Papers: 2009 International Conference & Exhibition, American Association of Textile Chemists & Colorists.

Easter, E.P. and Ankenman, B.E. (2006). *Impact of Low Energy/Low Water on Clothes Care*. Book of Papers: 2006 International Conference & Exhibition, American Association of Textile Chemists & Colorists.

Easter, E.P. and Ankenman, B.E. (2005). *Evaluation of the Care & Performance of Comfort Stretch Knits Fabrics*. Book of Papers: 2005 International Conference & Exhibition, American Association of Textile Chemists & Colorists.

Easter, E.P. and Ankenman, B.E. (2004). *CA Comparison of Stain Repellent vs. Stain Repellent/Stain Release Fluorocarbon Finishes on Cotton Blends*. COTTECH International Conference, Raleigh Durham, NC.

Easter, E.P. and Ankenman, B.E. (2003). *Care Practices for Fluorocarbon Treated Garments: A Case Study*. Book of Papers: 2003 International Conference & Exhibition, American Association of Textile Chemists & Colorists.

Easter, E. and Ramaswamy, G. (1998). Evaluation of Surface Wear on Kenaf/Cotton Fabrics. *Proceedings of 1st Annual American Kenaf Society Conference*. American Kenaf Society, San Antonio, TX, (pp.43-50)

Vogelpohl, T. and Easter, E.P. (1997). Post-Use Evaluation of Fire Fighters Turnout Coats. Fifth Scandinavian Symposium on Protective Clothing, LO-Skolen, Elsinore, Denmark, (pp.68-73).

Vogelpohl, T. and Easter, E.P. (1997). Post-Use Evaluation of Fire Fighters Turnout Coats. Clemson University's Protective Clothing 1997 Conference.

Dimit, C, Easter, E.P. and DeJonge, J.O. (1992). The Effect of Seams and Closures on Pesticide Penetration through Fabric. In J.P. McBriarty and N.W. Henry, (eds.), *Performance of Protective Clothing: Fourth Volume, ASTM STP 1133*, (pp. 418-426).

Easter, E.P. and Koals, M.A. (1992). Evaluation of Carbonaceous Adsorbent Coated Fabric as a Barrier to Pesticide Penetration for Dermal Exposure Reduction in Pesticide Application. In J.P. McBriarty and N.W. Henry, (eds.), *Performance of Protective Clothing: 4 th, ASTM STP 1133*, (pp. 529-544). American Society for Testing and Materials.

Easter, E.P. (1990). Nonwoven Barriers to Pesticides. *Book of Papers: The International Nonwoven Fabrics Conference-INDA-TEC 90, INDA-Association of the Nonwoven Fabrics Industry*, (pp. 331-344).

Reagan, B.M., Sarmadi A., Easter, E.P., Crews, P.C., Ladish, C.M., Johnson, D.G., Dale, A., Laughlin, J.M., Orr, C.L., and Lattie, R.K. (1989). Influence of Fluorescent Whitening Agents on Silk Photo-tendering and Dye Fading. *Book of Papers: 1989 International Conference & Exhibition, Intersectional Technical Paper Competition: Midwest Section, American Association of Textile Chemists and Colorists*, (pp. 37-42).

Wadsworth, L.C., Easter, E.P. and Lin, Y.Q. (1988). A Study of Nonwoven Fabrics in Providing Repellency and Barrier Performance. *Symposium Proceedings: First International Symposium on the Impact of Pesticides, Industrial and Consumer Chemicals on the Near Environment*.

Bryan, S.S. and Easter, E.P. (1988). Evaluation of Fasteners for Arthritic Women's Apparel. *Proceedings: 4th National Conference on Clothing for People with Special Needs*.

DeJonge, J.O., Easter, E.P., Leonas, K.K., and King, R.M. (1985). Protective Apparel Research. R. C. Honeycutt, G. Zweig, and N.N. Ragsdale, (eds.), *Dermal Exposure Related to Pesticide Use: Discussion of Risk Assessment, ACS Symposium Series #273*, (pp. 403-411). American Chemical Society.

Noel, C.J., Easter, E. and Carter, M. (1974). The Anti-Redeposition Behavior of Certain Cellulose Derivatives in Detergents. *Book of Papers: 1974 National Technical Conference, American Association of Textile Chemists and Colorist*, (pp. 277-284).

Published Abstracts:

Cotterill, D.G. & Easter, E.P. (2012). An Evaluation of Used Firefighter Turnout Gear to Determine the Durability of the Gear in Use. ASTM F23 Ninth Symposium on Performance of Protective Clothing and Equipment: Emerging Issues and Technologies. Anaheim, CA 6-16-2011. p 20.

Easter, E.P. (2004). *The Interaction of New Developments in Appliances, Additives & Textiles*. ASTM Committee D12, Workshop on the Impact of Lower Energy and Water Trends on Household Cleaning, Washington, DC.

Easter, E. and Ramaswamy, G. (1998). Evaluation of Surface Wear on Kenaf/Cotton Fabrics. Abstracts of First Annual Conference of the American Kenaf Society, San Antonio, TX.

Vogelpohl, T. and Easter, E.P. (1997). Post-Use Evaluation of Fire Fighter's Turnout Coats: Application of the Functional Design Process, *Proceedings of the 1997 Annual Meeting of the International Textile and Apparel Association*, Knoxville, TN. (Poster).

Ramaswamy, G. and Easter, E. (1996). Evaluation of Environmental Factors on Kenaf/Cotton Fabrics. International Kenaf Association 9th Annual Conference, Scottsdale, AZ.

Ramaswamy, G. and Easter, E. (1996, October). Durability of Flame Retardant Finishes for Kenaf/Cotton Fabrics. AATCC 1996 International Conference, Nashville, TN. (Poster Session)

Easter, E. and Pack, J.H. (1993, S/F). The Fashions of a Madam: A Material Culture Analysis of Garments from the Belle Brezing Collection. Abstract of paper presented at The Costume Society of America, Region VI: *Annual Meeting and Symposium, Newsletter of the Southeastern Region*.

Easter, E.P. and Nigg, H.N. (1992). Protective Clothing. *Symposium on Minimizing Occupational Exposure to Pesticides*, American Chemical Society, Agrochemical Division and W-169 Project.

Easter, E.P., Nigg, H.N., and DeJonge, J.O. (1989). Fabrics as Barriers to Pesticides: A Comparison of Laboratory and Field Evaluations. *American Chemical Society Symposium on Barrier Textiles Abstracts*.

Hoskin, S.J., Easter, E., and Shivel, D. (1987). The Relationship of Clothing to the Self-Esteem of Single Parent Females. *American Home Economics Association: 1987 Annual Meeting Research Abstracts*.

Easter, E. and Norris, N. (1987). Apparel Shopping Patterns of the Elderly Consumer. *American Home Economics Association: 1987 Annual Meeting Research Abstracts*.

Easter, E. and DeJonge, J.O. (1982). Effect of Storage and Weathering on Fabrics Contaminated with Pesticides. *Proceedings: Association of College Professors of Textiles and Clothing*.

Book Chapters:

Easter, E.P. (1994). Design of Protective Clothing. M. Raheel, (Ed.). *Protective Clothing Systems and Materials*. Occupational Safety and Health Series/25. New York, NY: Marcel Dekker, Ch. 2, 25-38.

DeJonge, J.O. and Easter, E.P. (1987). Protective Apparel, Methods of Applying Herbicides. C.G. McWorter, and M. R. Gebhardt, (eds.), *Weed Science Society of America Monograph 4*.

Ch. 21, 323-333.

Other Publications:

Byrnes, K. *What's New with Bamboo*. (Leaflet), University of Kentucky, College of Agriculture: Cooperative Extension Service. (major contributor)

Panel of Experts-Textiles. American Laundry News, monthly 2009 - 2011.

Brynes, K.R., Easter, E.P. and Adler, L. (2005). *Today's Textiles-Buying Towels*. (Leaflet), University of Kentucky, College of Agriculture: Cooperative Extension Service.

Brynes, K.R., Easter, E.P. and Adler, L. (2005). *Today's Textiles-Buying Sheets*. (Leaflet), University of Kentucky, College of Agriculture: Cooperative Extension Service.

Easter, E.P. and Kingsland, C. (2002, July). *An Evaluation of Moisture Barriers for Fire Fighting Turnout Gear: Assessment of Product Failure and Test Method Development Predicting Failure Modes*. Addendum report to the Thesis Project of Chastity Newsome, Lion Apparel, Inc. and NFPA.

Easter, E.P. and Cloud, R. (Editors.) (1999, September). Environmental Compatibility of Textiles and other Polymeric Materials. Southern Cooperative Series Bulletin - SCSB# 393. WWW National Agriculture Library (<http://web.utk.edu/~taescomm/scsb/250/np.htm>).

Easter, E. (1992). Basics of Linens: Fibers, Yarns, Fabrics, and Finishes. *Part I: American Laundry and Linen College Textbook*, 3rd Edition.

Johnson, M.P., Easter, E.P. and Horstman, S.W. (1995). *Personal Protective Equipment for Pesticide Applicators*. (Leaflet), University of Kentucky, College of Agriculture: Cooperative Extension Service.

Wadsworth, L. and Easter, E. P. (1994). Characterization of Experimental Fabrics. *Textile Fiber Systems for Performance, Protection and Comfort*. M.M. Warnock, A.M. Sarmadi, and C.R. Boyd (Eds.) Southern Cooperative Series Bulletin 379, Cooperative Regional Research Project S-208.

Easter, E. (1992). Basics of Linens: Fibers, Yarns, Fabrics, and Finishes. *Part I: American Laundry and Linen College Textbook*, 2nd Edition.

Easter, E. P. (1989). *Linens: Performance of the Product*. Video Script for Part III produced by Eastern Kentucky University for the National Association of Institutional Linen Management.

DeJonge, J. O. and Easter, E. (1989). *Laboratory Evaluation of Pesticide Spray Penetration and Thermal Comfort of Protective Apparel for Pesticide Application*. (Cooperative Agreement No. 812486-01-0) Final Report: U.S. Environmental Protection Agency.

Easter, E. P. (1989). *Linens: the Product*. Video Script for Part II, produced by Eastern Kentucky University for the National Association of Institutional Linen Management.

DeJonge, J. O. and Easter, E. (1988). *Laboratory Evaluation of Pesticide Spray Penetration and Thermal Comfort of Protective Apparel for Pesticide Application*. (Cooperative Agreement No. 12486-01-0). Internal Report: U.S. Environmental Protection Agency.

Easter, E. P. (1987). *Basics of Linens*. Video Script, Part I, produced by Eastern Kentucky University for the National Association of Institutional Linen Management.

Heaton, L. and Easter, E. (1987). *Tips for Laundering Pesticide Contaminated Clothing*. (Leaflet H.E. 2-319A). University of Kentucky, College of Agriculture: Cooperative Extensive Service.

Easter, E. P. (1987). *Advanced Linens. Part II: American Laundry and Linen College Textbook*.

Easter, E. (1987). *Basics of Linens: Fibers, Yarns, Fabrication, Finishes and Soiling. Part I: American Laundry and Linen College Textbook, 1st Edition*.

SCHOLARLY PRESENTATIONS:

Invited Presentations:

Easter, E.P. (2014, August). *Basics of Textiles*, VF Imagewear, Nashville, TN.

Easter, E.P. (2013, August). *Textile Testing for Linens in Healthcare Facilities*. International Association for Healthcare Textile Management, Banff, Alberta Canada.

Easter, E.P. (2012, January). *Disney World's Textile Services*, Walt Disney World, Orlando, FL.

Easter, E.P. (2011, September). *Textiles Update*. CSC Network, Franklin, TN

Easter, E.P. (2009, June). *Microfiber Technology used for Cleaning in the Health Care Industry*. Xanitos' Annual Conference, Jackson Hole, WY.

Easter, E.P. (2006, April). *Fabric 101*. C2C Symposium, Creativity 2 Communication, Fashion Institute of Technology, sponsored by the Educational Programs of AATCC.

Easter, E.P. (2004, October). *The Interaction of New Developments in Appliances, Additives & Textiles*. ASTM Committee D12, Workshop on the Impact of Lower Energy and Water Trends on Household Cleaning, Washington, DC.

Easter, E. and Ankenaman, B. (2004, August). *A Comparison of Stain Repellent vs. Stain Repellent/Stain Release Fluorocarbon Finishes on Cotton Blends*. COTTECH Conference, Raleigh Durham, NC.

Easter, E. (2002, November). *Evaluation of Textile Wear during the Laundry Process: Development of a Test Method*. Home Laundry Committee of the Association of Home Appliance Manufacturers, Des Moines, IA.

Easter, E. (2001, October). *Cleaning Firefighters' Turnout Gear*. Personal Protection Committee, National Fire Protective Association (NFPA), Baton Rouge, LA.

Easter, E. (2001, July). *Institutional Textiles*. CLEAN Show, Educational Conference of the National Association of Institutional Linen Management (NAILM), New Orleans, LA.

Easter, E. (2000, October). *Evaluation of Stain Removal from Kids Clothes*. Clothes Care Research Advisory Board, Nashville, TN.

Newsome, C. and Easter, E. (2000, April). *Evaluation of Moisture Barriers for Fire Fighting Turnout Gear*. National Association of Fire Fighter's Association, SCAM Subcommittee, Raleigh, NC.

Easter, E. (1999, November). Dress for Pesticide Safety. Women Involved in Agriculture: Breaking New Ground, 1st Annual Kentucky Conference, Louisville, KY.

Easter, E. (1999, July). Measurement of White Textiles. Paper presented: The Limited Colorists, Limited, Inc., Columbus, OH.

Easter, E. (1998, September). *New Developments & New Requirements in Institutional Linens*, Finger Lakes Association Linen Managers, Auburn, NY.

Easter, E. (1998, September). *Test Piece Service*, Finger Lakes Association Linen Managers, Auburn, NY.

Easter, E. (1996, February). *Directions in Textiles*. Presentation at the Mercantile East Personal Shopper Conference, Mercantile Stores University, Fairfield, OH.

Easter, E. (1995, August). *Evaluation and Quality Control of Upholstery Fabrics*. Presentation at the Upholstery Furniture Conference: Working with Foam, Fiber and Fabric, Tupelo, MS.

Easter, E. (1994, March). *Proper Clothing for Applicators*. Presentation at the Vegetation Management Association of Kentucky: 14th Annual Meeting, Lexington, KY.

Easter, E. P. and Nigg, H. N. (1992, April). *Protective Clothing*. Paper presented at the Symposium on Minimizing Occupational Exposure to Pesticides: American Chemical Society, Agrochemical Division, San Francisco, CA.

Easter, E. P. (1991, March). *Fabrics as Barriers to Pesticides: A Comparison of Laboratory and Field Evaluations*. Paper presented at the American Association of Textile Chemists and Colorists, Midwest Regional Meeting, Chicago, IL.

Easter, E.P. and DeJonge, J.O. (1990, 89, & 88, August). *Laboratory Evaluation of Pesticide Spray Penetration and Thermal Comfort of Protective Apparel for Pesticide Application*. Paper presented at the Annual Nonwovens Seminar, University of Tennessee, Knoxville, TN.

Easter, E. P., Nigg, H.N., and DeJonge, J.O. (1989, October). *Fabrics as Barriers to Pesticides: A Comparison of Laboratory and Field Evaluations*. Paper presented at American Chemical Society Symposium on Barrier Textiles, Winston-Salem, NC.

Easter, E. P. (1989, September). *Nonwoven Fabrics as Barriers in Protective Clothing*. Paper presented for the Textile Technology Association, Kingsport, TN.

Wadsworth, L.C., Easter, E. P. and Lin, Y. Q. (1989, & 1988, August). *A Study of Nonwoven Fabrics in Providing Repellency and Barrier Performance*. Paper presented at the Annual Nonwovens Seminar: University of Tennessee, Knoxville, TN.

International/National Presentations:

Easter, E., Cinnamon, M., Baker, E. (2013, April). *Assessing the impact of wash water temperature, detergent type, and laundering platform on basic clothing attributes*. AATCC International Conference, Greenville, SC

Cinnamon, M. (2013, April). Post use analysis of firefighter turnout gear: phase III. *2013 AATCC International Conference*, Greenville, SC (Directed by Elizabeth Easter)

Cinnamon, M., Trenkamp, S., Cotterill, D., Easter, E. (2013, June). Post-use analysis of firefighter turnout gear: phases I, II, & III. *14th International Conference and Exhibition on Fire Science and Engineering*,

Cotterill, D.G., Klausling, S.T. & Easter, E.P. (2012, January). Post Use Analysis of Firefighter Turnout Garments Phases I & II, *NFPA 1851 Committee Meeting*. Orlando, FL, 1-12-2012.

Cotterill, D.G. & Easter, E.P. (2011, June) An Evaluation of Used Firefighter Turnout Gear to Determine the Durability of the Gear in Use. ASTM F23 Ninth Symposium on Performance of Protective Clothing and Equipment: Emerging Issues and Technologies. Anaheim, CA.

Cotterill, D.G. & Easter, E.P. (2011, May). Retirement of Turnout Gear. Fire PPE Symposium, Charlotte, NC.

Easter, E. P. (2010, October). *Textile Care & Maintenance*. Presentation for Association of Home Equipment Educators Technical Conference, Hebron, KY.

Deena G. C., Kessinger, M.B. and Easter, E.P. (2009,) *Clothes Care Labels – Recommended Temperature for Wash & Dry Cycles*. International Conference & Exhibition, American Association of Textile Chemists & Colorists, Myrtle Beach, SC.

Hoskin, S.J. and Easter, E.P. (2009) *Perspectives of Color: Multiple Modules for Color Curricula and Training*. International Conference & Exhibition, American Association of Textile Chemists & Colorists, Myrtle Beach, SC.

Easter, E.P. and Ankenman, B.E. (10/06). *Evaluation of the Effect of Low Energy/Low Water on Clothes Care*. 2006 International Conference & Exhibition, American Association of Textile Chemists & Colorists, Atlanta, GA

Easter, E.P. and Ankenman, B.E. (2005, October). *Evaluation of the Care & Performance of Comfort Stretch Knits Fabrics*. 2005 International Conference & Exhibition, Boston, MA.

Easter, E.P. and Ankenman, B.E. (2004, September). *Care Practices for Fluorocarbon Treated Garments: A Case Study*. AATCC International Conference & Exhibition, Greenville, SC.

Easter, E. and Ramaswamy, G. (1998, February). *Evaluation of Surface Wear on Kenaf/Cotton Fabric*. First Annual Conference of the American Kenaf Society, San Antonio, TX.

Vogelpohl, T. and Easter, E. P. (1997, November). *Post-Use Evaluation of Fire Fighter's Turnout Coats: Application of the Functional Design Process*. 1997 Annual Meeting of the International Textiles and Apparel Association, Knoxville, TN (Poster Session).

Vogelpohl, T. and Easter, E. P. (1997, May). *Post-Use Evaluation of fire Fighte's Turnout Coats*. Paper presentation: 5th Scandinavian Symposium on Protective Clothing, LO-Skolen, Elsinore, Denmark.

Vogelpohl, T. and Easter, E. P. (1997, April). *Post-Use Evaluation of Fire Fighter's Turnout Coats*. Paper presentation: 1997 Clemson University Protective Clothing Conference, Charlotte, NC.

Easter, E. P. and Ramaswamy, G. (1997, March). *Evaluation of Environmental Factors on Kenaf/Cotton Fabrics*. Paper presentation: International Kenaf Association 9th Annual Conference, Scottsdale, AZ.

Ramaswamy, G. and Easter, E. (1996, October). *Durability of Flame Retardant Finishes for Kenaf/Cotton Fabrics*. AATCC 1996 International Conference, Nashville, TN. (Poster Session)

Easter, E. P. and Koals, M.A. (1991, June). *Evaluation of Carbonaceous Adsorbent Coated Fabric as a barrier to Pesticide Penetration for Dermal Exposure Reduction in Pesticide Application*. Paper presentation: 4th Conference on the Performance of Protective Clothing, American Society for Testing and Materials, Montreal, Quebec, Canada.

Dimit, C, Easter, E. P. and DeJonge, J. O. (1991, June). *The Effect of Seams and Closures on Pesticide Penetration through Fabric*. Paper presentation: 4th Conference on the Performance of Protective Clothing, American Society for Testing and Materials,

Montreal, Quebec, Canada.

Easter, E. P. (1990, June). *Nonwoven Barriers to Pesticides*. Paper presentation: International Nonwoven Fabrics Conference-INDA-TEC 90, INDA-Association of the Nonwoven Fabrics Industry, Baltimore, M.D.

Reagan, B.M., Sarmadi A., Easter, E. P., Crews, P.C., Ladish, C.M., Johnson, D. G., Dale, A., Laughlin, J. M., Orr, C.L., and Lattie, R. K. (1989, October). *Influence of Fluorescent Whitening Agents on Silk Phototendering and Dye Fading*. Paper presentation: Midwest Section of the Intersectional Paper Competition: American Association of Textile Chemists and Colorists, Baltimore, MD.

Easter, E. P. and DeJonge, J. O. (1988, December). *Laboratory Evaluation of Pesticide Spray Penetration and Thermal Comfort of Protective Apparel for Pesticide Application*. Paper presentation: Exxon: Melt Blowing Process Seminar, Houston, TX.

Wadsworth, L.C., Easter, E. P. and Lin, Y. Q. (1988, December). *A Study of Nonwoven Fabrics in Providing Repellency and Barrier Performance*. Paper presentation: Exxon: Melt Blowing Process Seminar, Houston, TX.

Easter, E. (1988, February). *Refurbishment/Disposal of Protective Apparel*. Panel presentation: Workshop for Extension Specialist, First International Symposium on the Impact of Pesticides, Industrial and Consumer Chemicals on the Near Environment, Sponsored by USDA-CSRS and UGA, Orlando, FL.

Wadsworth, L.C., Easter, E. P. and Lin, Y. Q. (1988, February). *A Study of Nonwoven Fabrics in Providing Repellency and Barrier Performance*. Paper presentation: First International Symposium on the Impact of Pesticides, Industrial and Consumer Chemicals on the Near Environment, Sponsored by USDA-CSRS and UGA, Orlando, FL.

Bryan, S.S. and Easter, E. P. (1988, April). *Evaluation of Fasteners for Arthritic Women's Apparel*. Paper presentation: *4th National Conference on Clothing for People with Special Needs*, Birmingham, AL.

Easter, E. P. (1987, October). *Dialogue with Researchers*. National Association of Extension Home Economists: 1987 Annual Meeting, Louisville, KY.

Hoskin, S.J., Easter, E., and Shivel, D. (1987, July). *The Relationship of Clothing to the Self-Esteem of Single Parent Females*. Poster presentation at the American Home Economics Association: 1987 Annual Meeting, Indianapolis, IN.

Easter, E. and Norris, N. (1987, July). *Apparel Shopping Patterns of the Elderly Consumer*. Poster presentation at the American Home Economics Association: 1987 Annual Meeting, Indianapolis, IN.

Easter, E. (1982, October). *Removal of Pesticide Residues from Fabrics by Laundering*. Paper presentation: 1982 Student Paper Competition: American Association of Textile

Chemists and Colorists, Atlantic City, NJ.

Regional/State Presentations:

Easter, E.P. (9/8/2006). *What's new with LINENS!* Home Décor Expo, Lincoln Trail Area Extension Homemakers, Pritchard Community Center, Elizabethtown, KY

Easter, E. (2002, August). *Laundry Fundamentals: Washer, Dryers, Detergents and Textile.* General Electric Appliances, Regional Sales Managers and Contract Customers, Columbus, OH.

Easter, E. and Pack, J. H. (1993, July). *The Fashions of a Madam: A Material Culture Analysis of Garments from the Belle Brezing Collection.* Paper presentation: The Costume Society of America, Region VI: Annual Meeting and Symposium, Lexington, KY.

Easter, E. (1987, October). *Introduction to Linens.* Paper presented at Regional Educational Conference sponsored by the National Association of Institutional Linen Management, Las Vegas, NV.

Easter, E. P. (1987, February). *Apparel Shopping Patterns of the Elderly Consumer.* Paper presentation: GROW Conference for Women Researchers, Northern Kentucky University, Convington, KY.

Norris, N. and Easter, E. (1987, March). *Apparel Shopping Patterns of the Elderly Consumer.* Paper presentation: Kentucky Home Economics Association: 1987 Annual Meeting, Louisville, KY.

Easter, E. P. (1983, March). *Design and Evaluation of Functional Clothing for Agricultural Workers.* Paper presentation: GROW Conference for Women Researchers, University of Ky, Lexington, KY.

Easter, E. and DeJonge, J. O. (1982, October). *Effect of Storage and Weathering on Fabrics Contaminated with Pesticides.* Paper presentation: Central Region meeting of the Association of College Professors of Textiles and Clothing, Minneapolis, MN.

Referee and Editorial Service:

Reviewed manuscript – Studies on Influence of Stitch Density and Stitch Type on Seam Properties of Garment Leather, AATCC Review, 5/2014.

Reviewed Proposed Revision: *Textile for Residential and Commercial Interiors*, 3rd Edition, Fairchild Books, 9/20/2012.

Reviewed manuscript - *The Effect of Phase Change Materials on the Protection Performance of Flame Resistant Fabrics*, AATCC Review, 9/11/2012.

Reviewed manuscript Microcapsules' Quantification using the Streaming Potential Method. AATCC Review. 9/10.

Reviewed *iTextiles CD – Interactive Textile Learning*, ATEXINC, 10/09-6/10.

Reviewed proposal for *Research Methods for Fashion*. Fairchild Publications, Inc. 9/09.

Reviewed Extension publication: 8 publications in 2009.

Reviewed prospectus *Research Methods for Fashion*. Fairchild Publications, Inc. 7/06.

Reviewed prospectus *Research Methods for Real Life*. Prentice Hall, 8/05.

Reviewed proposed American National Standard for Home Laundry Washers, AHAM I-1-2007, Association of Home Appliance Manufacturers, 8/2006.

Reviewed *Fabric for the Designed Interior*, Fairchild Books, 5/22/04.

Reviewed Proposal No. 2004-01074, *USDA, Cooperative State Research, Education, and Extension Service Competitive Research Grand and Awards Management National Research Initiative(NRI)Competitive Grants Program*, proposals reviewed in 4/26/04

Associate Editor for Fibers and Textile Science, *Clothing and Textiles Research Journal*, 10/96-9/01.

Editor, Protective Clothing Section, *Quintessence Journal*, 94-95.

Editorial Review Board, *Clothing and Textiles Research Journal*, 1989-93; 94-10/96.

Review manuscripts for the following:

AATCC Review Journal

Reviews of Environmental Contamination and Toxicology Journal

Industrial & Engineering Chemistry Research Journal

Archives of Environmental Contamination and Toxicology Journal

Clothing and Textiles Research Journal - Reviewed “Lyocell Solutions from Undervalued Cellulose Sources” 5/02, 10/02 & 2/03.

Reviewed *Practical Research: Planning and Design, 8th Edition* by Paul D. Leedy & Jeanne Ellis Ormrod., Merrill Prentice Hall, 01-02.

Reviewed *USDA, Cooperative State Research, Education, and Extension Service Competitive Research Grand and Awards Management National Research Initiative(NRI) Competitive Grants Program*, proposals reviewed in 3/00

Reviewed *Practical Research: Planning and Design, 7th Edition* by Paul D. Leedy & Jeanne Ellis Ormrod., Merrill Prentice Hall, 99-00.

Reviewed *Textiles for Residential and Commercial Interiors, 2nd* by Jan I. Yeager & Lura K. Teter-Justice, Fairchild Books. 12/97 & 99

Reviewed *Quality Assurance for Textiles Products*. Fairchild Books. 10/95, 4/97 & 10/97.

Review Textile Testing and Analysis, Prentice Hall. 9/96, 6/97 & 10/97.

Reviewed prospectus and chapter, *Fundamental of Textiles and Their Applications*. 8/95

Reviewed prospectus and chapter, *Research in Clothing & Textiles: Theory, Practice and Development*. Macmillan Publishing Co. 1/94.

Reviewed *Understanding Textiles*, 4th Edition, Phyllis Tortora, Macmillan Publishing Co.

Reviewed manuscripts for the Cooperative Extension Service, Textile and Clothing Area.

Reviewed Abstracts for the Research/Presentation Review Committee, 1989 & 90 Kentucky Home Economics Association.

Reviewed manuscript for *Introduction to Textiles (Textile Science)*, Kathryn Hatch, West Educational Publishing, Inc. 6/89.

SERVICE ACTIVITY:

ACADEMIC SERVICE

Department:

Program Review of the Department of RTM, 2013

Policies & Procedures Committee, 2010

Director of Graduate Studies, 9/90-12/95 & 8/05-

Member, MAT Department Review Committee S-05

Co-Chair: MAT Department Self Study Committee & Report 04-05

MAT Day 2003, Trends, Innovation & Careers, 2/20/03

Tenure Advisory Committee, 11/02

Area Coordinator, Merchandising, Apparel, and Textiles Area, 8/88-5/92

Chair: Search Committee for Department Chair, 1993

Co-Chair: Search Committee for Department Chair, 01-02

Department Review Self-Study Committee, 1992-93

Chair: Search Committee for Faculty Positions, 1988, 89, 90, 01-02

College:

Screening Committee for HES Director/FCS Assistant Director, Sp 2005

Strategic Planning Committee, 2003-04

Committee for Promotion and Tenure, 1995, 1997-2003

Strategic Planning Committee, 2003-04

Committee for Promotion and Tenure, 1995, 1997-2003

Distribution of Effort, Ad Hoc Committee, 1997-98

Annual Performance Review, Ad Hoc Committee, 1996-97

College Review Committee for the College of Home Economics Review, 1989-90

Program Development Committee, 1989-96 & 2000 - 2002

New Building Committee, 1989-90

Recruitment Committee, 1991-93
Strategic Planning Committee, 1989-92
CSRS Review Committee, 1990

University:

Fine Arts Advisory Committee, 2013-2014
Extension Area Advisory Committee, 2009 -2011
Denim Drive Table Display @ Big Blue Goes Green: Sustainability Showcase:
9/2009 & 2011.
Social Sciences Area Advisory Committee, 2004 -2006
Graduate Council, 1996-98
Humanities & Arts Area Advisory Committee, 1996-98 & summer 99
University Senate, 1/91-6/92
Merit Scholarship Reviewer, S-91

PUBLIC SERVICE

Public Service Presentations:

Easter, E. P. (2000, November). *Textile Testing Lab Research*. Presentation for Kentucky Extension Association Family and Consumer Sciences Annual Meeting, Louisville, KY.

Easter, E. P. (2000, March). *Linens & Things: What's Hot and What's Not*. Presentation for Area-Wide Seminar, Hardin County Cooperative Extension Service. Elizabethtown, KY.

Easter, E. P. (1999, November). *Pesticide Protective Clothing*. Presentation Conference on Women in Agriculture, Louisville, KY.

Easter, E. P. (1999, May). *Update on Linens* Presentation for Home Interiors Agent Inservice Training for Extension Specialist, Kentucky Cooperative Extension Service. Lexington, KY.

Easter, E. (1994, December). *Everything You Ever Wanted to Know About Cotton*. Presentation for the Lexington Quilters Guild, Lexington, KY.

Easter, E. (1993, October). *Changes in the Textile Industry & the Effect on Linens*. Paper presented at Southern Association of Institutional Linen Managers: 1993 Annual Meeting, Knoxville, TN.

Easter, E. P. (1993, May). *Textile Update and Textile Research*. Presentation for Clark County Home Economist, Lexington, KY.

Easter, E. P. (1988, August). *Textile Research in the University of Kentucky, College of Home Economics*. Paper presented at the Home Economics Alumni Association: Licking River Area Chapter Meeting, Washington, KY.

Easter, E. P. (1988, March). *Home Textiles: Linens*. Presentation at the Clothing and Textiles In-Service Training, Kentucky Cooperative Extension Service, Lexington, KY.

Easter, E. P. (1986, May). *Protective Clothing for Agricultural Workers*. Presentation for

Kentucky Farm and Home Safety Council, Lexington, KY.

Easter E. P. (1985, February). *Pesticide Safety: Selecting and Laundering Clothing for Pesticide Workers*. Paper presented at the Cooperative Extension Service: Lincoln Trail Couples Workshop, Springfield, KY.

Easter, E. P. (1983, March). *The Consumer and Textiles*. Paper presented at the American Association of University Women, Berea Chapter, Berea, KY.

Media Interviews:

StainSmart, Milliken's Debut of a Smart Fabric, 6/2004

Kidproof, Textile World, 10/2001

Stain, Stain, Go Away, Parents, 9/2001

Purchasing a Washing Machine, Dayton Daily News, 9//2000

Trifty and Nifty, Bill Wolfe, The Courier Journal, 8/6/2000

Silk Story, Judy Rosenfield. The Courier Journal, 5/9/00

New Fabrics Bewilder Consumers, Lucynds Koesters. Ashville Citizen-Times & The Courier Journal, 1/16/2000.

FABRIC 101', Lucynda Koesters, Ashville Citizens-Times & Courier Journal, 11/18/99

Consulting Activities:

- General Electric Appliance Park, Louisville KY: Laundry Fundamentals, 1993-present
- International Association of Institutional Linen Managers, Richmond, KY, 1987-present
- Palmetto Linen Services, Inc. vs. Gurtler Chemicals, Inc. – Case No. 4:01-3376-12, Florence, SC, Expert Witness, 6/02 – 6/04
- Lawrence Burkhalter & Matthew Nault vs. Globe Manufacturing – Case No. 1:01-cv-154(BrR), Biloxi, MS, Expert Witness, 5/02-12/03
- IndustrOzone Technologies, L.C., Punta Gorda, FL, 1998-2002
- J. Peterman Co., Inc., Lexington, KY, 1988-98

PROFESSIONAL ACTIVITIES

Professional Organizations:

- American Society for Testing and Materials
 - Member, D 13: Textiles Committee 95-present
 - Member, F 23: Protective Clothing Committee 86-present
 - Member, E 12: Appearance of Materials Committee 1994-95
- American Association of Textile Chemists and Colorists
 - Publications Committee 2010-2014.
 - Harold C. Chapin Award Committee, 01/03 - 2007
 - Chair, Western Regional Nomination Committee, 2002
 - Organized Midwest Section Session - Institutional Textile Market: Products and Care, Minneapolis, MN 4/02
 - Elected Chair - Midwest Section, 1998 - 2001
 - Judge, Intersection Paper Competition, 1998, 1999 & 2001
 - Member, Retail Committee, 2001 - present
 - Member, RA88: Home Laundering Technology, 99 - present
 - Member, RA36: Color Measurement, 99 - present

Elected Secretary - Midwest Section, 1998
Appointed Senior Member, 1996
Judge, Student Paper Competition, 1994 & 2000
Member, C15: Textile Education Committee, 87 - 98
Member, A75: Correlation of Lab Tests with End-Use Performance Committee, 90-94

International Textiles and Apparel Association

Session Presider Textile Research Session ITAA 2002
Appointed Associate Editor for Textile Science, CTRJ 1996 - 2001
Session Presider Industry Session on Textile Care Products, ITAA 00
Session Moderator, Textile Science Application, ITAA 92 & 98 Annual Meeting
Contact, Teaching and Research Oral Presentations, 1992 Annual Meeting
Member, Research Committee, 88-92
Panel Member, Profession Development session, 10/89
Reviewer, Research Abstracts, 1989 Conference
Chair, Educational Resource/Teaching Innovation Sessions, 1989
Member, Futures Committee, 88-90

American Chemical Society: Cellulose, Paper and Textile Division

American Home Appliance Manufacturers Association

Member, Home Laundry Task Force for International Standards, 2002 – present
Reviewer, American National Standard for Household Electric Irons, 8/23/04
Member, Care Symbol Standard Task Force, 1/96 - 6/97

American Society of Quality Control

Member, 1995 - present

Professional Development:

Industry Tours:

Fashion Institute of Technology , New York, NY, 6/30/14.
Procter & Gamble's Historic Archives, Cincinnati, OH, 5/3/2012
Guess Distribution Center, Louisville, KY 4/7/2011
Carhartt Manufacturing & Design Center, Irvine, KY 3/23/2011
Tencate Protective Fabrics, Union GA, 5/09
DuPont – Protection Technologies Research Labs, Richmond, VA 5/09
Firedex – Manufacturing & R&D, 6/09
Ann Taylor Distribution Center, Louisville, KY 7/09
ASTM International's Global Virtual Meeting on Sustainability of Textiles in the Hospitality Industry. 10/09
Carhartt, Irvine, KY 10/10
Nike Campus, Portland, OR 8/06
Milliken's Dye Plant, Pendleton, SC, 4/06
wfk Institute of Laundry Technology, Germany, 3/04
Milliken, Research Center & Headquarters, Spartanburg, SC, 7/00
Southern Mills Plant Tour and Research & Development Labs, Atlanta, GA 9/00
VF Playwear & Cooperate Headquarters, Greenville, NC, 10/99
Fruit of the Loom Plant Tour, GA 9/99
Fruit of the Loom Headquarters & Research Center, Bowling Green, KY 8/99

Educational Seminars, Conferences & Courses:

Sustainable Textiles, Fashion Institute of Technology, New York 6/2014.
Women in Science & Engineering Symposium, GE Global Research, Niskayuna, NY, 12/2012.
ASTM Standards for Sustainability, Developing Solutions for a Growing, Green, Global Market. Washington, DC, 5/2013.
Fire PPE Symposium, Charlotte, SC, 5/2011,
Regulatory Compliance for the Flammability of Upholstered Furniture, Mattresses and Bedding Sold in the US. Technical Training Seminar – 9/09, Columbus, OH
CLEAN Show, World Educational Congress for Laundering & Drycleaning, Las Vegas, NV, 6/09.
AATCC Seminar – High Performance Fabrics, 8/06, Portland, OH
CLEAN Show, World Educational Congress for Laundering & Drycleaning, Orlando, FL, 6/05
CLEAN Show, World Educational Congress for Laundering & Drycleaning, Las Vegas, NV, 8/03
AATCC International 2003 International Conference & Exhibition, American Association of Textile Chemists & Colorists (9/2003)
Regulatory Compliance for the Flammability of Children's Sleepwear: ASTM course, New York, NY, 3/2001
Regulatory Compliance for the Flammability of Wearing Apparel: ASTM course, New York, NY, 3/2001
International Appliance Technical Conference, Columbus, OH 3/2001
Flammability Workshop, American Furniture Manufacturers Association (AFMA), Greensboro, NC 3/2001
Weathering 101: The Basics of Weathering and Light Stability, Q-Panel Products, Columbus, OH, 4/00
Color as a Catalyst: From Design Through Production, AATCC Color Science Symposium, Greenville, SC, 3/00
ASQC - Needles & Trade Division Annual Meeting, Williamsburg, VA 4/99 & Biloxi, MS, 4/00
Bobbin International, Atlanta, GA 9/99 & 9/00
CLEAN Show, World Educational Congress for Laundering & Drycleaning, Orlando, FL 6/99
ASQC - Needles & Trade Division Annual Meeting, Williamsburg VA, 4/99
Care Labeling Symposium, FTC Washington, DC 1/99

Honors/Awards

Patricia Brantley Todd Awards of Excellence in Human Environmental Sciences – Research 1/2010.
Gamma Sigma Delta George Mitchell Award for Outstanding Faculty Service to Graduate Students. 3/2009.
Certificate of Appreciation, Midwest Section of the American Association of Textile Chemists & Colorists, 8/5/03.
Recognized for 10+ years of continuous research funding by the Research & Graduate Studies Reception, University of Kentucky, Spindletop Hall, 97 & 99.
Recognized as a *Centennial Leader* by the College of Human Ecology Centennial Celebration at the University of Tennessee, Knoxville, TN, 8/97.

Awarded *Honorary Registered Laundry and Linen Director* by the American Laundry and Linen College, 6/94

Appointed to full membership of the Graduate Faculty, 11/89

Fourth Place, 1989 Intersectional Paper Competition of the American Association of Textile Chemists and Colorists

Faculty Incentive Grant Award, University of Kentucky, \$2,500/year, 1988-91

First Runner-up in 1982 Student Paper Competition of the American Association of Textile Chemists and Colorist

Excellence in Research Award, Textiles, Merchandising and Design Department, University of Tennessee, 1981-1982

Ida Anders Scholarship, University of Tennessee, 1981-82

USDA Graduate Research Assistantship, University of Tennessee, 1980-82 and 1972-73

Phi Kappa Phi Honor Society

Kappa Omicron Nu

ADMINISTRATION

Department:

Acting Chair, 8/93-5/95