

Kathy K. Mullet, Ph.D.

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Education

Ph.D., Virginia Polytechnic Institute and State University; Blacksburg, VA (1991) Major: Clothing and Textiles; dissertation The Effect of Shoulder Position on Four Sleeve/Bodice Structures; concentration in areas of ergonomics and apparel design

M.S., Virginia Polytechnic Institute and State University; Blacksburg, VA (1984) Major: Clothing and Textiles; thesis Kayaker's Paddling Jacket: a Needs Assessment; concentration in textile testing, biomechanical analysis and apparel design

B.S., Virginia Polytechnic Institute and State University; Blacksburg, VA (1980) Major: Clothing, Textiles and Related Arts, Major: Fashion Merchandising, concentration in Business

Research Interests:

- Functional Clothing Design: related to body movement analysis and garment structures
- Apparel Production: basic clothing construction with industry emphasis; pattern grading
- Historic Costume: historic development of sportswear

Academic Positions

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|--------------|---|
| 2004-present | Associate Professor , Oregon State University, Corvallis, OR Department of Design and Human Environment |
| 1992- 2004 | Associate Professor , Radford University, Radford VA. Department of Interior Design and Fashion |
| 1986-1992 | Assistant Professor , Radford University, Radford, VA Department of Fashion |
| 1984-1986 | Instructor , Virginia Polytechnic Institute and State University; Blacksburg, VA Department of Clothing and Textiles |
| 1981-1982 | Graduate Teaching Assistant , Virginia Polytechnic Institute and State University; Blacksburg, VA |

Instructional summary

- Credit Courses: Department of Design and Human Environment

| Course Title | Credits | Term |
|---|---------|--------|
| DHE 277: Fashion Forecasting | 3 | Spring |
| DHE 321: Fashion Illustration | 4 | Winter |
| DHE 327: Flat Pattern | 4 | Fall |
| DHE 421/521: Advanced Illustration | 4 | Spring |
| DHE 427/527: Draping | 4 | Winter |
| DHE 428/528: Apparel Production Processes | 4 | Winter |
| DHE 429/529: Advance Apparel Design | 4 | Spring |
| DHE 599: Design Theory and Process | 3 | Fall |

Other courses for which I serve as faculty mentor to graduate teaching assistants:

DHE 227: Apparel Construction

DHE 326: Sewn Product Development Lecture

DHE 326: Sewn Product Development Lab

Campus faculty member for DHE 499/599 Functional Design taught by courtesy faculty Summer term 2005, 2007 and 2010

Graduate Students: major advisor

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|------------------|------------|--|
| Ann Vong | MS-thesis | Stretch Factors when Grading Bias Garments |
| Mavis Ho | MS-thesis | Apparel Needs Assessment of Indoor Cyclists |
| Debbie Christel | MS-thesis | Perceived Comfort of Compression pants |
| Sarah Song | MS-thesis | Designers from US, Taiwan and South Korea: comparison of Design elements |
| Lauren Steinhart | MS-thesis | Commuter Bicycle wear |
| Tracie Tung | MS-thesis | Design Criteria of Type IV body Armor |
| Fatemeh Fakhraie | MS-thesis | Effects of Socioeconomic Status on Hijah Style Preferences |
| Tamara Clayton | MS-thesis | World War II Wedding Dress as Presented in U.S. High Fashion Magazines:1939-1945 |
| Andrea Serda | MS-project | Business Plan for Designing and Marketing Apparel |

Scholarship and Creative Activity:

Books: peer reviewed

- Mullet, K.K., Moore, C.L. & Young, M.P. (2009). *Concepts of Pattern Grading 2nd edition*. New York, New York: Fairchild Publications.
- Mullet, K.M. (2009). *Instructor's Guide Concepts of Pattern Grading*. New York, New York: Fairchild Publications.

Journal

- Mullet, K & Park, M (2010) A cross-cultural Design Framework for Apparel Design. *Design Principles & Practices: an international journal*. Vol 4.
- Foire, Ann Marie & Mullet, K. (Eds.).(2004). Technique, Technology and Tradition Related to Design and Aesthetics of Textiles and Apparel [Special issue]. *Clothing and Textiles Research Journal*, 22(1),.1-3.

Refereed Presentations and Proceedings

- Mullet, K (2010). Design of High Tech Sportswear: which is more important the function or the fashion?. Proceedings of the Yonsei 125th Anniversary International Symposium , Seoul, South Korea, 37-46.
- Mullet, K & Tung, T (2010 November) Design Criteria of Type IV Body armor for Women. At ITAA 2009 Annual Meeting, Bellevue, WA
- Mullet, K & Park, M.(2009 May). Hanbok Sport Cross Cultural Design Process. *Abstracts of the 2009 CSA 35th National Symposium*, Tempe AZ, 23.

- Mullet, K. & Park, M. (2008 November). Cross-cultural Design Process for Apparel Design. At ITAA 2008 Annual Meeting, Schaumburg, IL.
- Pedersen, E. & Mullet, K. (2008 January) Infusing Cross-Cultural Aspects into a Professional Curriculum. At the 2008 Hawaii International Conference on Arts and Humanities, Honolulu, HI.
- Mullet, K. & Clayton, T. (2007, November) Design of WWII Wedding Dress. At ITAA 2007 Annual Meeting, Los Angeles, CA.
- Mullet, K (2006 November) Evaluation of Three Garment Sleeve Structures. At ITAA 2006 Annual meeting San Antonio, TX.
- Mullet, K.K. & Chen, HL (2006) Establishing Fit Specifications for Thermal Manikins. Fan, J. (Ed.) *Thermal Manikins and Modeling: Papers Sixth International Thermal Manikin and Modeling Meeting*, Hong Kong, China, 247-252.
- Mullet, K & Chen, HL (2006) Thermal Insulation of Three Garment Sleeve Structures Fan, J. (Ed.) *Thermal Manikins and Modeling: Papers Sixth International Thermal Manikin and Modeling Meeting*, Hong Kong, China, 375-380.
- Chen, H L; Mullet, K & Cluver, B (2006) .Evaluation of Military Ballistic Helmets Using a Thermal Manikin. Fan, J. (Ed.) *Thermal Manikins and Modeling: Papers Sixth International Thermal Manikin and Modeling Meeting*, Hong Kong, China, 330-380.
- Mullet, K (2006). From Fabric to Product: Challenges in Design, In *Meeting Expectations in a High Performance Apparel World* AATCC, Research Triangle Park, NC 146-154.
- Mullet, K. (1998). Apparel Designs for the +55 Consumer. At 1998 ITAA Annual meeting Dallas, TX. Abstract published in *Proceedings: 1998 ITAA International Textile and Apparel Association, Inc.* Monument, CO, 24-25.**
- Mullet, K. (1995). Draping Project: a Bed Sheet At 1995 ITAA Annual meeting Pasadena, CA. Abstract published *Proceedings: 1998 ITAA International Textile and Apparel Association, Inc.* Monument CO, 61.

Creative Activity: Juried and Abstracts

- Mullet K. & Park, M (2007 November). Kediyan. International Textiles and Apparel Association Design Exhibition, Los Angeles, November 2007. 47% acceptance level for professionals
- Mullet, K. (1998). Cold Control. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Dallas, TX. Abstract published *Proceedings: 1998 ITAA International Textile and Apparel Association, Inc.* Monument CO, 149.
- Mullet, K. (1998). Hot Skin. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Dallas. Abstract published *Proceedings: 1998 ITAA International Textile and Apparel Association, Inc.* Monument CO, 125.
- Mullet, K. (1996). Built for Two. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Banaff, AB. Abstract published in *Proceedings: 1998 ITAA International Textile and Apparel Association, Inc.* Monument CO,
- Mullet, K. (1995). Air Control. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Pasadena, CA . Abstract published in *Proceedings: 1995 ITAA International Textile and Apparel Association, Inc.* Monument CO, 170.

- Mullet, K. (1991) Tenth Mountain. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, San Francisco, CA . Abstract published in *Proceedings:1991 ITAA International Textile and Apparel Association, Inc.* Monument CO,146.
- Mullet, K. (1990). PFD: Personal Flotation Design. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Denver, CO. Abstract published in *Proceedings:1990 ITAA International Textile and Apparel Association, Inc.* Monument CO,173.
- Mullet, K. (1989). Breakdown Swimsuit. Live gallery presentation at the annual meeting of the International Textile and Apparel Association, Atlanta, GA. Abstract published in *Departures '89:Apparel for Travel.*

Invited Exhibits:

- “Built for Two”, “PFD” and “Breakdown Swimsuit” (2002) Florida State University Tyner Functional Design Exhibit, Tallahassee, FL
- “Hot Skin” (2000) exhibited at Museum of Science, Boston, MA
- “Hot Skin” (2000) exhibited in International Conference on Rural Aging, Charleston, WV
- “Hot Skin” (1999) exhibited in Active and Ageless Fashion Show, New York, NY.
- “Two for One” garment design 1997 ITAA international meeting Lyon France

Grants (2004-2009)

- Oregon State University L.L. Stewart Faculty Development Award (2009)
 - receive Computer training for CAD software \$2200
- Oregon State University Technical Resource Funds (2009)
 - Purchase new sewing equipment for Apparel Design Studios \$5559
- Oregon State University Technical Resource Funds (2008)
 - purchase of Optitix CAD software for two Instructors \$3500
- Fulbright-Hays Group project (2006-07)
 - “Fabric of Indian Life” competitive application process; 27 applications 18 accepted.
 - Travel and Lodging expenses where paid for 30 days in India (Approx \$5000)
- National Institute for Health R-21 Grant proposal
 - Co Principle Investigators: Chen, HL and Mullet, K
 - Thermal Regulating Garments for Older Population
 - \$272,000.(not accepted)

Awards

- Oregon State University Student Learning and Teamwork Award (2008)
 - o Given to all members of the Design and Human Environment Department for conducting annual Career Symposium for students
- *Apparel Magazine All-Star* (2007)
 - o Nominated by ITAA as a distinguished educator in the Apparel industry
- College of Health and Human Services Teaching Star (2006)
 - o Recognition in teaching

Professional Organizations and Committees

ITAA- International Textile and Apparel Association (member 1980-present)

- Officer Position:
 - Vice President of Planning (2007-2010)
- Committees:
 - Design Competition Committee: Chair (1991-93)
 - Design and Aesthetics Committee (1991-2004) Chair 1994-2000
 - Interdisciplinary Action Committee (2000-2004) Chair 2003-05
 - Teaching and Innovations Resource Committee (1997-99)
 - Hospitality Committee (1994, 1980)
 - Membership Committee (1991-92)
 - Registration Committee (1989-90)
 - Public Relations Committee (1988)
- Sub-Committees and workshops:
 - Special sub-committee for 1999 United Nations Year of the Older Person (1997-2000)
 - ITAA Future Visioning Meeting- Ft Collins CO (1998)
 - Curricular Development & Review Committee: work on Core Competencies for Textile, Design and Merchandising Programs –(1994)

CSA-Costume Society of America (member 1993-present)

- Officer Positions:
 - Vice President of Education and Programs (2010-2012)
 - National Treasurer (2000-2006)
 - Assistant Treasurer (2004-06)
 - National Board Member (2004-2010)
- Committees:
 - Nominating Committee Chair (2008-2010)
 - Design Research Committee (2006-07)
 - Development Chair (2004-2006)
 - Developed and Conducted Membership survey for CSA-via internet June 2003
 - Region VI Symposium Coordinator, Abington, VA July 2001
 - Editor- Symposium Abstracts (1997-2000)

AATCC-American Association of Textile Chemist and Colorists (member 1986-90; 2006-present)

Professional Activities

Reviewer:

Journals/ Competitions:

- *Clothing and Textile Research Journal*_Editorial Board- Design (2000-present)
 - Review on average two manuscripts per year
- *Clothing and Textile Research Journal: Fit Issues* [Special issue](2003)- Editorial Board
- *Clothing and Textile Research Journal: Design Issue* [Special issue] (2002) Associate Editor

- *Fashion Practice*-Editorial Board (new journal in 2008)
- *Journal of Family and Consumer Science* (2008): reviewed 1 manuscript
- *Dress* (2005) Journal of Costume Society of America: reviewed 1 manuscript
- Arts of Fashion Design competition (2005) selected judge for first level of jurying process
- ITAA Design Competition (1994) Design judge Minneapolis, MN.

Grants:

- Auburn University (2002) “Expert” judge for grant on Body Scans
- University of Minnesota (2002) external reviewer for research grant

Outside Peer Evaluations:

- Served as outside peer reviewer for 10 faculty members for tenure, promotion or awards (2000-09)

Textbooks:

- Fairchild Publications reviewed 12 book manuscripts
- Prentice Hall, Inc. reviewed 3 book manuscripts

Community Service

- Work with Family and Consumer Science Class at Corvallis High School teaching flat pattern and acting as judge for “Gene” doll project (2005-08)

Work Experience:

1984-present **Consultant:** Worked with various companies in the development of specialty products.

- Innovative Sports, Eugene, OR development of heated sleeve designs for quarterbacks
- Radford University, Radford, VA: design of women’s track uniforms
- Radford University, Radford, VA: sourcing and design of marching band uniforms
- Concept Interiors, Roanoke VA: development of chair slipcover pattern for production
- Perception, Inc., Easley, SC: design of paddling jackets, shorts and sizing specifications
- Wildness Systems, High Point, NC: flotation vests and dry bags
- Misty Mountain Threadworks, Inc., Boone, NC: rock climbing apparel

1982-1984 **Owner**, K Kraft, Salem, VA: designed and manufactured custom kayak gear

1980-1982 **Sales Associate**, The Stable, Roanoke, VA. Sales of specialty men’s wear

University Activities and Committees

Oregon State University

Department:

- Apparel Design Program coordinator
- AIU Faculty Liaison for study abroad
- Apparel Design scholarship Coordinator
- Peer Evaluation of Teaching Committee

College/University:

- Center for Healthy Aging –researcher for Smart clothing
- Nanotechnology-researcher for thermal regulation of body and clothing
- College of Health and Human Science “Teaching Star”