

January, 2015

CURRICULUM VITA

NAME: Ellen McKinney, Ph.D.

CURRENT POSITION: Assistant Professor
Iowa State University
Apparel, Events, and Hospitality Management
31 MacKay, Ames, IA 50014
515-294-7536

EDUCATION:

2007	Ph.D.	University of Minnesota	Design, Housing and Apparel
1999	MA	Texas Woman's University	Fashion Design
1996	B.S.	Texas Christian University	Fashion Design

DISSERTATION TITLE: Towards a 3D Theory of Pattern Drafting: Using Scan-Derived Body Measurements and Body Curves to Generate Pant Slopers

POSITIONS HELD:

2012-present	Assistant Professor Iowa State University Apparel, Events and Hospitality Management Department Ames, IA
2007 - 2012	Full Time Instructor, Fashion Design Department
2003 - 2004	Full Time Instructor, Fashion Design Department
1999 - 2002	Part Time Instructor, Fashion Design Department Art Institute of Dallas, a campus of South University Dallas, TX
2000 - 2003	Adjunct Instructor, Dept. of Design, Merchandising and Textiles
1998 - 1999	Adjunct Instructor, Extended Education Texas Christian University Fort Worth, TX
2000	Fashion Editor SHINE Magazine

Weatherford, TX

1999 Adjunct Instructor, Fashion Merchandising Department
Tarrant County College
Hurst, TX

1996 - 2003 Office Manager and Consultant
Elaine Stoltz Image Consulting
Fort Worth, TX

PROFESSIONAL RESPONSIBILITIES (%)

Year	Teaching	Research	Extension/Outreach	Service
August 2014 – May 2015	40%	40%	0%	20%
August 2013 – May 2014	40%	40%	0%	20%
August 2012 – May 2013	40%	40%	0%	20%

ADMINISTRATIVE RESPONSIBILITIES:

none

MAJOR FIELDS OF TEACHING AND SCHOLARLY EMPHASIS:

Wearable Product Design

- Identifying and meeting the needs of users through design of worn products
- Body-to-pattern relationship theory
- Current knowledge in professional practice
- Bridging between theory and practice

My research is focused on investigating body-to-pattern relationship theory for improvement of apparel product development practice. A complementary area includes research related to cultural interchange through creative design processes.

UNDERGRADUATE COURSES TAUGHT:

Course Title	Catalog#	Credit Hours	Average Number of Students per Class	Number of Semesters Taught	Years Taught
Patternmaking I	TC 225 / AMD 225 (starting FA13)	4 / 3 (starting SP15)	17	4	2013 2014

Technical Design Processes	TC 415	3	23	1	2012
Fashion Forecasting and Product Development	TC 496	3	40	1	2012

GRADUATE COURSES TAUGHT:

Course Title	Catalog#	Credit Hours	Average Number of Students per Class	Number of Semesters Taught	Years Taught
Design Seminar—Advanced Patternmaking	AMD 528	3	3.5	2	2013 2014

SCHOLARLY TEACHING ACTIVITIES:

Workshops/Seminars Taught

2014 **McKinney, E.** (April 4). Patternmaking workshop (2 sections). *Behind The Scenes Day, AESHM Department, Iowa State University.* Ames, IA.

Training

2013 – 2014 CELT Teaching Partners Program

RESEARCH AND SCHOLARLY/CREATIVE PROJECTS FUNDED:

Extramural Support – Funded

2014 **McKinney, E.** & Sanders, E. *Three dress forms.* PGM-Pro, Inc. \$1358 in-kind value.

2013 **McKinney, E.**, Baytar, F., Farr, C., Lee, Y.-A., Xiang, C. (Phase I prize awarded April). *Proposal of a two-part solution to predict ballistic performance of in-service soft body armor: Design and data-sharing.* U.S. Department of Justice Body Armor Challenge: How Long Does Body Armor Really Last? P.I. \$6250 awarded.

Intramural Support – Funded

2014 - 2015 Sanders, E., **AMD Faculty.** (awarded May 2013). *Building a technology collaboration between Iowa State University and Southern University.* Cyclone Research Grant. \$15,000.

- 2014 **McKinney, E.**, Roth, S. *Global Pattern* Project. Iowa State University First-Year Honors Mentor Program Grant. PI. \$72.80.
- 2014 **McKinney, E.** Iowa State University Honors Program Summer Research Grant, \$1,000.
- 2012 **McKinney, E.** Iowa State University College of Human Sciences Junior Faculty Travel Grant, \$500.
- 2012 **McKinney, E.** Faculty Senate Committee on Recognition and Development Foreign Travel Grant, \$851.

PUBLICATIONS/CREATIVE EXHIBITS:

Juried Exhibitions

- 2013 **McKinney, E.** & Ghalachyan, A. (October 16). *On the Level: a Minimal Waste Bias Evening Gown Achieved through Creative Pattern Draping, Seam Angles, and Grain Placement*. Private Collection. Evening gown created by draping long rectangular panels at a 45-degree angle around the body. Design Exhibition, International Textile and Apparel Association. New Orleans, Louisiana.
- Level: International
 - Retrievability: ITAA 2013 Design Catalog
 - Number of Entries Submitted: 364
 - Number of Entries Accepted: 140 (36 mounted exhibit and 104 live gallery)
 - Acceptance Rate: 38.5%.
 - Jurors: Ali Eagen, Designer and Owner of Made by Anatomy in Buffalo, NY, Joan Fedyszyn, Women's Buyer for O'Connell's Clothing, Buffalo, NY, Sandra Tullio-Pow, Ryerson University

Peer-reviewed Journal Papers – Published

Unless noted otherwise, authors are in order of contribution.

- 2012 **McKinney, E.**, Bye, E., & LaBat, K. Building patternmaking theory: A case study of published patternmaking practices for pants. *International Journal of Fashion Design, Technology and Education*. 5(3), 153-167.

Invited Papers, Book Chapters, and Book Reviews

- 2015 **McKinney, E.** Faja. In M. Strauss and A. Lynch (Eds.), *Ethnic Dress in the United States: A Cultural Encyclopedia*. (pp. 117 – 118). Lanham, Maryland: Rowman & Littlefield.

- 2015 Skerston, S. & **McKinney, E.** Jellies. In M. Strauss and A. Lynch (Eds.), *Ethnic Dress in the United States: A Cultural Encyclopedia*. (pp. 161-162). Lanham, Maryland: Rowman & Littlefield.
- 2015 Skerston, S. & **McKinney, E.** Barong Tagalog. In M. Strauss and A. Lynch (Eds.), *Ethnic Dress in the United States: A Cultural Encyclopedia*. (pp. 19 – 21). Lanham, Maryland: Rowman & Littlefield.

JURIED SCHOLARLY PRESENTATIONS AT PROFESSIONAL MEETINGS:

Regional, National or International

Presenter(s) is underlined.

- 2014 Shin, E. & **McKinney, E.** (November). Investigating online reviews of formalwear rented online: Information generated by female consumers in Rent The Runway sites. *Proceedings of the ITAA Annual Conference*. Charlotte, NC.
- 2014 **McKinney, E.** & Monfort-Nelson, E. (November). Teaching apparel pattern completion through instructional scaffolding. *Proceedings of the ITAA Annual Conference*. Charlotte, NC.
- 2014 **McKinney, E.** & Shin, E. (November). A framework for classifying the content of online reviews of formalwear rented online. *Proceedings of the ITAA Annual Conference*. Charlotte, NC.
- 2014 Sanders, E. A., Hwang, C. G. & **McKinney, E.** (November). Insights from an industry advisory board about online education for practitioners. *Proceedings of the ITAA Annual Conference*. Charlotte, NC.
- 2014 Dorje, A. & **McKinney, E.** (April). A new era in apparel manufacturing. *Popular Culture Association National Conference*. Chicago, IL.
- 2013 **McKinney, E.** & Shin, E. (October). Female consumers fit strategies and fit perception of formalwear rented online: Content analysis. *Proceedings of the ITAA Annual Conference*. New Orleans, LA.
- 2013 **McKinney, E.** & Ghalachyan, A. (October). Proposed typologies for the dress needs of nursing mothers and babies and available nursing dress: An evaluation of the relationship between concepts in these typologies. *Proceedings of the ITAA Annual Conference*. New Orleans, LA.
- 2013 **McKinney, E.**, (February). Case study as a means to document and promote creative pattern cutting processes. *Proceedings of the First*

International Symposium for Creative Pattern Cutting. Huddersfield, UK.

INVITED SCHOLARLY PRESENTATIONS:

State and Local

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| 2014 | McKinney, E. & Dorie, A. (April). Human factors in product design: Apparel design. <i>Guest lecture for IE 576 Human Factors</i> , Iowa State University, Ames, IA. |
| 2014 | McKinney, E. , Nair, A., & Chidister, M. (April). Instructional Scaffolding. <i>CELT Teaching Partners poster session 2013 - 14</i> . Ames, IA. |
| 2014 | Roth, S., Dorie, A. & McKinney, E. (April). Determination of ease using 3D CAD. <i>Iowa State University Honors Poster Presentation</i> , Ames, IA. |
| 2014 | McKinney, E. (November 21). Keynote address: Designing the body-garment interface: The role of science, technology, engineering, and math (STEM) in fashioning wearable design for human users. <i>Science Center of Iowa, Girls in Science Initiative: Meals with Mentors Program</i> , Des Moines, IA. |
| 2013 | Skerston, S. & McKinney, E. (May 2 nd). Barong Tagalog. <i>Iowa State University Honors Poster Presentation</i> , Ames, IA. |

OTHER SCHOLARLY ACTIVITIES

Ad/Hoc Reviewer

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| 2014 | Reviewer for <i>Journal of Human Sciences and Extension</i> |
| 2012 - 2014 | Reviewer for <i>Clothing and Textiles Research Journal</i> |
| 2012 - 2014 | Reviewer for <i>The Journal of the Textile Institute</i> |
| 2012 | Reviewer for <i>Fashion Practice</i> |

Book Reviewer

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| 2014 | <i>Principles of Flat Pattern Design</i> , 4 th ed. for Prentice Hall |
| 2014 | <i>Patternmaking for Fashion Design</i> , 5 th ed. for Prentice Hall |
| 2013 | <i>Patternmaking Basics</i> for Fairchild Books |

Conference Submission Reviewer

2014 *Fashion Studies* for International Textile and Apparel Association

HONORS AND AWARDS

National/International

2014 Shin, E. & **McKinney, E.** (November). International Textile and Apparel Association 2014 Annual Conference Research and Teaching Scholarship Award for Paper of Distinction in the Merchandising: Visual & Promotion Track. For *Investigating Online Reviews of Formalwear Rented Online: Information Generated by Female Consumers in Rent the Runway Sites*.

MEMBERSHIP IN PROFESSIONAL AND HONOR SOCIETIES:

2004 - present International Textile and Apparel Association (ITAA)

1994 - present Phi Upsilon Omicron Honor Society in Family and Consumer Sciences

OFFICES HELD AND COMMITTEE MEMBERSHIPS

2015 International Textile and Apparel Association (ITAA), Chair of the Mounted Exhibit for the 2015 Conference, Santa Fe, NM.

2014 International Textile and Apparel Association (ITAA), Assistant Chair of the Mounted Exhibit for the 2014 Conference, Charlotte, NC.

2011-2012 Fashion Group International, Dallas Region, Board Member, Membership Chair