

## Erin M. Irick

---

Department of Family & Consumer Sciences  
University of Wyoming  
(307)766-5152  
eirick@uwyo.edu

### Education

#### **Oklahoma State University**

2008-2013      Ph.D. in Human Sciences, specialization in Apparel Design and Production  
  
Dissertation: Evaluation of the Design Process of Repurposed Apparel and Accessories: An Application of Diffusion of Innovations Theory

#### **Kansas State University**

2004-2006      Master of Science in Human Ecology, specialization in Apparel Design  
  
1996-2000      Bachelor of Science in Apparel and Textiles, specialization in Apparel and Textile Marketing

### Academic Professional Experience

2013-2019      University of Wyoming, Department of Family and Consumer Sciences.  
Position: Assistant Professor – Design, Merchandising and Textiles program

2019-present      University of Wyoming, Department of Family and Consumer Sciences.  
Position: Associate Professor – Design, Merchandising and Textiles program

Job Description:	Teaching	62.5%
	Research	27.5%
	Advising	5%
	Service	5%

### Courses Taught

FCSC 1165 Introduction to Fashion and Dress: Course explores the system of dress, from body to garment selection, and the influences of psychology, culture and subculture on dress and self-presentation. Topics discussed include body image, society and social control, norms and dress outside the western world. Course will conclude by exploring current designers (taught online).

FCSC 1170 Introduction to Apparel Construction: Introduction to basic and industry production techniques applied to apparel and interior products. Development of decision-making skills in selection and use of materials.

FCSC 1175 Design Communication: Explores philosophical and practical factors of the design communication process. Incorporates various methods of communicating design ideas and concepts from hand drawing to digital techniques through the Adobe Creative Suite.

FCSC 1185 Introduction to the Design, Merchandising and Textiles Industry: Introduction to the functions of the design, merchandising and textiles industry. This course will give a base of knowledge of the industry including textile and garment production and manufacturing, design processes for apparel and interiors, and retailing. Students will also be introduced to potential career paths within the industry.

FCSC 2170 Clothing in Modern Society: Aesthetic, physical economics and socio-psychological elements of clothing selection (taught online).

FCSC 2175 Fashion Illustration: Introduces the fashion figure, light and dark contrasts, color, fabric and texture sketching techniques. Computer applications for layout of the design are also covered.

FCSC 2210 Fashion Show and Event Planning: Provides students with a real-world, integrative experience with planning a large-scale special event, specifically, a fashion show. Opportunities include garment and model acquisition and organization, production (music planning, scheduling judges, MCs and guest speakers), promotion, budgeting, and stage/runway design. Students experience the entire process of planning, setup and execution.

FCSC 2270 Advanced Apparel Construction: Development of advanced apparel construction and tailoring techniques. Continued development of decision-making skills in selection, use and evaluation of materials.

FCSC 3173 Visual Merchandising and Promotions: Covers the principles of fashion, consumer behavior as it relates to promotion activities, and non-personal selling techniques to include advertising, display, publicity, fashion shows, and special events. Students will be involved in actual hands-on experiences with many techniques.

FCSC 3174 Drafting and Flat-Pattern Design: Principles and instructions for drafting pattern slopers through standard or individual measurements used to learn techniques of garment design using the flat pattern method are utilized to create three-dimensional designs. Computer applications to garment design are also covered.

FCSC 3175 Apparel Design through Draping: Draping garment patterns through fabric manipulation, molding, and shaping to create three-dimensional form utilizing couture construction techniques

FCSC 4176 Historic Clothing: Surveys history of clothing in the Western World. Includes information from approximately 3000 B.C. through the 20th century.

FCSC 4178 Fiber Arts: Development and enhancement of technical and creative apparel construction/design skills culminating in the creation of a distinctive piece of wearable art. Dual listed with FCSC 5178.

FCSC 4182 Textile Industry and the Environment: Examines the environment, the impact of the textile industry on the environment, and issues facing the textile industry to provide more environmentally friendly products.

FCSC 4190 Apparel Collection Development: Students will utilize their pattern-making and apparel construction skills and expand their knowledge of fit on live models through creation of their own apparel collection. They will be responsible for the creation of the collection from inspiration to final product. Collections will be showcased through a real-world fashion show.

### **Oklahoma State University**

Graduate Teaching Associate, Instructor of Record

2009-2013        DHM 2212 Heritage of Dress I: Survey of ancient to Baroque European modes of dress, as that clothing reflects the environment and cultural life of a people. (Spring 2010, Spring 2011, Spring 2012)

DHM 1003 Design Theory and Processes for Apparel and Interiors: Design elements, principles and processes applied to design and merchandising. (Lecture Fall 2009 and Spring 2010)

DHM 3213 Heritage of Dress II: Survey of historic modes of dress from the 18th to the 21st centuries, as that clothing reflects the environment and cultural life of a people, and change within the fashion industry. (Fall 2009, 2010)

Graduate Teaching Associate

Fall 2012        DHM 2573 Textiles, Lab Instructor

2010-2013        DHM 1003 Design Theory, Lab Instructor

Fall 2011        DHM 4003 Environmental Perspectives in Design, Housing and Merchandising, Teaching Assistant

Spring 2009, 2013        DHM 2203 Intermediate Apparel Construction, Lab Teaching Assistant

### **Texas State University**

Full-time Temporary Instructor

2007-2008        FM 3337 Fashion History: Chronological study of Western fashion through the ages. Emphasis on social, economic, and political influences on fashion development. (Summer 2007, Fall 2007 and Spring 2008)

FM 2330 Fashion Promotional Strategies I: The study of promotional strategies unique to the fashion industry. Emphasis is placed on techniques used at the retail level. (Fall 2007, Spring 2008 and Summer 2008)

FM 4337 Fashion Merchandising: The study of managerial decisions in fashion retailing with an emphasis on operational issues. (Summer 2007, Fall 2007, Spring 2008 and Summer 2008)

### **Kansas State University**

Adjunct Instructor

Fall 2006 AT 576 Principles of Buying: Introduction to the processes and methods used by apparel buyers to purchase merchandise assortments. Application of fashion theory and principles, sources of information, knowledge, techniques and skills for assortment planning, buying, vendor negotiations, and profit planning. Emphasis on merchandising mathematics.

AT 430 History of Costume: Interrelationship of costume and social, cultural, political, and economic environments from when fashion in apparel products began in the Renaissance to present day.

Graduate Teaching Assistant, Instructor of Record

2005-2006 AT 325 Apparel and Textile Store Operations: Analysis of the elements, processes, and controls involved in operating an apparel and textile business. (Spring 2005 and Spring 2006)

AT 430 History of Costume: Interrelationship of costume and social, cultural, political, and economic environments from when fashion in apparel products began in the Renaissance to present day. (Fall 2005)

Graduate Teaching Assistant

Fall 2004 AT 655 Flat Pattern Development, Teaching Assistant

### **Relevant Work Experience**

#### **Oklahoma State University**

Fall 2011 Graduate Research Associate

2008-2009 Graduate Research Associate, Institute for Protective Apparel Research and Technology

#### **Kansas State University**

Spring 2007 Research Assistant, Sustainability Research Lab

Fall 2004 Historic Costume Collection Assistant

### **Professional Practice Experience**

2002-2003 Assistant Store Manager/Visual Merchandising Manager, Aeropostale Clothing, Wichita, KS. Responsibilities included managing merchandise shipments, re-ordering and stocking, visual displays and floor moves, supervising sales associates and customer service.

- 2001-2002      Assistant Store Manager, American Eagle Outfitters, Wichita, KS.  
Responsibilities included everyday managerial tasks, supervising sales associates, customer service
- 1996-2001      Sales Associate, American Eagle Outfitters, Wichita, KS and Manhattan, KS.

### **Graduate Students**

#### **Advisor**

2021-present      Faisal Ahmed

#### **Graduate Student Co-Advisor**

2016-2018      Mushfika Mica  
Thesis: Comparison of the Accuracy of 3D Body Scanner Measurements to Hand Measurements on the Fit of Ladies' Pants

#### **Graduate Student Committee**

2014-2016      Juan Yu  
Thesis: Learning Space Design for the Department of Family and Consumer Sciences

### **Juried Design Exhibitions**

**Irick, E.** *Attitude at Altitude*. Exhibited at the Costume Society of America Annual Symposium, Salt Lake City, UT, May 2023.

**Irick, E.** *Flower-escent*. Exhibited at the Costume Society of America Annual Symposium, Seattle, WA, April 2019.

**Irick, E.** *Flower Power*. Exhibited at the American Association of Family and Consumer Sciences Annual Conference, Atlanta, GA, June 2018.

**Irick, E.** *Forever Green*. Exhibited at the International Textile and Apparel Association annual conference, St. Petersburg, FL, November 2017.

**Irick, E.** *Mirror Lake Mosaic*. Exhibited at the International Federation of Home Economics Conference, Sligo, Ireland, March 2017.

**Irick, E.** *Mayan Mosaic*. Exhibited through the Hoffman Challenge traveling exhibit, August 2015-October 2016.

**Irick, E.** *Stylized Strut*. Exhibited at the American Association of Family and Consumer Sciences Annual Conference, Jacksonville, FL, June 2015.

**Irick, E.** *Tribal Vibes #1*. Exhibited at the American Association of Family and Consumer Sciences Annual Conference, St. Louis, MO, June 2014.

**Irick, E.** *Post-Apocalyptic Paradise*. 7-piece collection. Exhibited at the Oklahoma State University Euphoria Fashion Show, April 2013, Stillwater OK and at the Mercedes Benz Oklahoma City Fashion Week show, Oklahoma City, OK, April 2013.

**Irick, E.** *Tribal Vibes*. 3-piece collection. Exhibited at the Oklahoma State University Euphoria Fashion Show, Stillwater, OK, April, 2013.

**Irick, E.** *Sunset on the Water*. Exhibited at the International Textile and Apparel Annual Conference, Montreal, QC., October 2010.

### Design Exhibitions

**Irick, E.** *Wearing Wyoming: Microscopic Perspectives*. Eight-piece solo exhibit, shown at the Berry Biodiversity Center, University of Wyoming, April, 2017.

**Irick, E.** *Stylized Strut*. Exhibited at the Coat Couture exhibit, Laramie, WY, May 2014.

**Irick, E.** *The Greening of Design*. Exhibited in the Design, Housing and Merchandising Gallery, Stillwater, OK, April 2009.

**Irick, E.** *Layered Linens: Designs in Recycling and Sustainability*. Exhibited at the Ft. Riley Community Fashion Show, Junction City, KS, May 2006.

### Refereed Publications

**Irick, E., Eike, R. & Kumphai, P.** (in preparation). Intentional Pattern-making: Development of Repeatable Designs for Repurposing Apparel

**Irick, E., Eike, R.J., Cho, S. & Kim, M.** (2020). Repurposing apparel: A guided process for sustainable design education. *International Journal of Fashion Design, Technology and Education*, (13)3, 280-291. DOI: 10.1080/17543266.2020.1788652

Eike, R., **Irick, E.**, McKinney, E., Zhang, L., & Sanders, E. (2020). Repurposing design process. In S. S. Muthu & M. A. Gardetti (Eds.), *Sustainability in the Textile and Apparel Industries: Sustainable Textiles, Clothing Design and Repurposing* (pp. 189–239). Cham, Switzerland: Springer. <https://doi.org/10.1007/978-3-030-37929-2>

Eike, R., Osteen, S., & **Irick, E.** (2018). A Creative Vision of Sustainability: How Informal Educational Avenues May Impact Change. *Journal of Sustainability Education*, Feb. 2018, Retrieved from [http://www.susted.com/wordpress/content/a-creative-vision-of-sustainability-how-informal-educational-avenues-may-impact-change\\_2018\\_03/](http://www.susted.com/wordpress/content/a-creative-vision-of-sustainability-how-informal-educational-avenues-may-impact-change_2018_03/)

**Irick, E.** (2013). *Examination of the design process of repurposed apparel and accessories: An application of diffusion of innovations theory*. Oklahoma State University, Stillwater, OK. Retrieved from <http://proxy2.hec.ca/login?url=http://search.proquest.com/docview/1520789665?accountid=11357>

### Proceedings

**Irick, E. & Ahmed, F. (2022).** Exploring the Possibilities of Using Plastic Bags as a Textile Material. *International Textile and Apparel Conference Proceedings, 2022.*

**Irick, E., & Eike, R. (2020).** Analysis of the Availability of Second-hand Clothing as the Raw Materials for Repurposing. *Sustainability in Fashion Conference Proceedings, 2019.*

**Irick, E., Eike, R. & Kumphai, P. (2019).** Intentional Pattern-making: Development of Repeatable Designs for Repurposing Apparel. *International Textile and Apparel Association Conference Proceedings, 2019.*

**Irick, E. (2016).** Development of a Sustainable Model for Repurposing Apparel and Textiles: A Case Study of TRAUD. *International Textile and Apparel Association Conference Proceedings, 2016.*

**Dousay, T. & Irick, E. (2016).** Collaborative Design: Where PBL and 21<sup>st</sup> Century Skills Engage Learners. *SITE Conference Proceedings, 2016.*

#### **Poster Presentations**

**Irick, E. (2023).** *The Future of Fashion Lies in the Past: Utilizing Traditional Textile Crafts to Promote Repurposing, Slow Fashion and Craft of Use.* Presented as an in-process research poster at the Costume Society of American Annual Symposium, Salt Lake City, UT, May 2023.

**Irick, E. & Ahmed, F. (2022).** *Exploring the Possibilities of Using Plastic Bags as a Textile Material.* Presented at the International Textile and Apparel Conference, Denver, CO, October 2022.

**Mica, M.T., Irick, E. & Harmon, J. (2020).** *Comparison of the Accuracy of 3D Body Scanner Measurements to Hand Measurements on the Fit of Ladies' Pants.* Presented at the American Association of Textile Chemists and Colorists conference, Greenville, SC, March, 2020.

**Eike, R., Irick, E., Myers, B. & Noon, V. (2017).** *Sustainability in the Apparel Discipline: The Layers of ESRAP.* Presented at the Association for the Advancement of Sustainability in Higher Education conference, San Antonio, TX, October, 2017.

**Eike, R. & Irick, E. (2016).** *Exploring Student Leaders for Sustainable Development: Components and Personal Practices.* Presented at the Association for the Advancement of Sustainability in Higher Education conference, Baltimore, MD, October, 2016.

**Irick, E. & Kang, M. (2015).** *Evaluation of the Design Process of Repurposed Apparel and Accessories.* Presented at the International Fiber Recycling Symposium, San Francisco, CA, June, 2015.

**Irick, E., & Farr, C.A. (2011).** *Consumer Opinions and Willingness to Purchase Apparel Made from Repurposed Fabrics.* Presented at the International Apparel and Textile Association annual conference, Philadelphia, PA, November, 2011.

**Irick, E., Chaney, S., Kumwenda, M., & Speck, A.M. (2010).** *Shop 'Til You Dye: A Research Study Using Locally Available Fruit and Vegetable Dyes.* Presented at the Oklahoma Association of Family and Consumer Sciences annual conference, Stillwater, OK, March, 2010.

### **Oral Presentations**

**Irick E., Eike, R. & Kumphai, P. (2019).** *Intentional Pattern-making: Development of Repeatable Designs for Repurposing Apparel.* Presented at the International Textile and Apparel Association annual conference, Las Vegas, NV, October 2019.

**Pasricha, A, Konya, T., Irick, E., Eike, R., Lee, Y. & Noon, V. (2019).** *Preparing the Global Student by Defining Sustainability in the Classroom.* Panel presentation presented at the Sustainability in Fashion Conference, London, England, July 2019.

**Irick, E. & Eike, R. (2019).** *Analysis of the Availability of Second-hand Clothing as the Raw Materials for Repurposing.* Presented at the Sustainability in Fashion Conference, London, England, July 2019.

**Irick, E. & Eike, R. (2017).** *Teaching the Repurposing Mindset: Introduction of a Repurposing Project into an Advanced Apparel Construction Course.* Presented at the International Federation of Home Economics conference, Sligo, Ireland, March 2017.

**Irick, E. (2016).** *Development of a Model for Repurposing: A Case Study of TRAIID.* Presented at the International Apparel and Textile Association annual conference, Vancouver, BC, November 2016.

**Dousay, T.A. & Irick, E. (2016).** *Collaborative Design: Where PBL and 21<sup>st</sup> Century Skills Engage Learners.* Presented at the Society for Information Technology and Teacher Education Conference, Savannah, GA, March 2016.

**Irick, E. & Dousay, T.A. (2015).** *Design Partnerships: Fabric Printing between Undergraduates and Middle Grades Students.* Presented at the E-Volution Conference, Laramie, WY, September 2015.

### **Invited Presentations**

**Irick, E. & Dousay, T. (2016).** *Design Partnerships: Active Learning in a Studio Environment.* Presented at the ECTL Summer Institute, Laramie, WY, May 2016.

**Irick, E.** *Development of Model for Repurposing: A Case Study of TRAIID.* Presented at the Wyoming Goes Global Conference, Laramie, WY, March 2016.

**Irick, E.** *The Relationship between Costume and Fashion*. Presented in Modes: Children's Film HP 3152, Laramie, WY, October 2015 and October 2018.

**Irick, E.** *Design through Technology*. Presented to the Laramie Art Quilters, Laramie, WY, April 2015.

**Irick, E.** *Design through Technology*. Presented to the Colorado Extension for Apparel and Textiles, Laramie, WY, March 2015.

**Irick, E.** *Design through Technology*. Presented to the Laramie chapter of the American Sewing Guild, Laramie, WY, February 2015.

**Irick, E.** *Sewing, Surface Design and Sustainability*. Presented to the Laramie chapter of the American Sewing Guild, Laramie, WY, October 2014.

### **Grants and Fellowships-Funded**

Harmon, J. & **Irick, E.** (2023). *Student Explorations of Sustainable Options for Recycling and Repurposing Cotton Fiber Fabric into Consumer Products*. Cotton Incorporated, Cotton in the Curriculum program. Funded (\$33,693). Role: Co-Principal Investigator.

**Irick, E.** (2022). *The Future of Fashion Lies in the Past: Utilizing Traditional Textile Crafts to Promote Repurposing, Slow fashion and Craft of Use*. Wyoming Institute for Humanities Research Faculty Fellowship. Role: Principal Investigator

Harmon, J., **Irick, E.**, & Cameron, B. (2017). *Growing Yarns: An Innovative Approach to Bacterial Cellulose Production*. AES Hatch Grant. Role: Co-Principal Investigator

**Irick, E.** (2016). Enhancement of the Software in AG 142. College of Agriculture and Natural Resources Technology Proposal, University of Wyoming. Funded (\$21,546).

**Irick, E.** & Harmon, J. (2016). Instructional Needs Request. College of Agriculture and Natural Resources, University of Wyoming. Funded (\$6165.50).

**Irick, E.** (2016). *Wearing Wyoming: Microscopic Perspectives*. Biodiversity in the Arts Grant, University of Wyoming. Role: Principal Investigator. Funded (\$2,000).

**Irick, E.** (2015). *Development of a Sustainable Model for Repurposing Apparel and Textiles: A Case Study of TRAIID*. Center for Global Studies Research Grant, University of Wyoming. Role: Principal Investigator. Funded (\$2000).

**Irick, E.** (2014). Instructional Needs Request. College of Agriculture and Natural Resources, University of Wyoming. Funded (\$26,600).

**Irick, E.** (2012). *Evaluation of the Design Process of Repurposed Apparel and Accessories: An Application of Diffusion of Innovations Theory*. Robberson Trust Dissertation Fellowship, \$5000

2008-2013. Department of Design, Housing and Merchandising Supplementary Fellowship, \$1000 per semester.

### **Grants and Fellowships-Not funded**

Irick, E. (2014). *Development of a Sustainable Model for Repurposing Apparel and Textiles: A Case Study of TR Aid*. International Travel Grant, University of Wyoming International Programs Office. Role: Principal Investigator. Not funded.

Irick, E. (2014). *Development of a Sustainable Model for Repurposing Apparel and Textiles: A Case Study of TR Aid*. Global Perspectives Grant, University of Wyoming College of Agricultural and Natural Resources. Role: Principal Investigator. Not funded.

Irick, E. (2014). *Wearing Wyoming: Microscopic and Panoramic Perspectives*. Biodiversity in the Arts Grant, University of Wyoming. Role: Principal Investigator. Not funded.

Irick, E. & Farr, C.A. (2009). *Saving resources by repurposing used clothing and other textile products: Designs and patterns for small scale mass production*. Environmental Protection Agency, P3 Grant. Role: Co-principal investigator. Not funded.

### **Service- Professional Organizations**

2023	International Textile and Apparel Association abstract reviewer- Sustainability and Social Responsibility track
Present	Educators for Socially Responsible Apparel Practices, Director
2020-present	International Textile and Apparel Association Design Scholarship and Education committee
2017	International Textile and Apparel Association Undergraduate Design Reviewer
2017	Ad Hoc reviewer for Family and Consumer Sciences Research Journal
2016	Ad Hoc reviewer for Fashion and Textiles Journal
2016	<i>Sustainability and Fashion</i> session moderator, ITAA conference
2016-2018	International Textile and Apparel Association Design Awards Committee Chair
2014-2022	Educators for Socially Responsible Apparel Practices, Steering Committee
2011-present	International Textile and Apparel Association Design Awards Committee member
2010-2011	International Textile and Apparel Association Design Scholarship and Education Committee

### **Service- University of Wyoming**

#### **University-level**

2022-2023	Department of Theater and Dance, Costume Design Search Committee
2019-2020	Department of Theater and Dance, Costume Design Search Committee
2015-present	Social Justice Research Center Advisory Board member
Fall 2014	Consultant for Indian Fabric Fashion Show

#### **College-level**

2019-present College of Agriculture and Natural Resources Tenure and Promotion Committee  
 2015-present College of Agriculture and Natural Resources Scholarship committee  
 Fall 2017 Judge for Wyoming State "Make it with Wool" Competition

**Department-level**

Present FCSC 2-13 Committee  
 2019-Present Design, Merchandising and Textiles Program Unit Coordinator  
 2019-2020 Human Nutrition and Food Search Committee  
 2018-present Fashion Club at UW, Advisor  
 2015-present Department of Family and Consumer Sciences Graduate Committee  
 2016-2018 Department of Family and Consumer Sciences Strategic Planning Committee  
 2015 Human Development and Family Sciences Search Committee  
 Fall 2014 Textiles and Merchandising search committee  
 2014-2018 American Association of Family and Consumer Sciences, University of Wyoming student chapter, Co-advisor  
 Spring 2014 Consultant and Judge for Eco-Chic Fashion Show

**Service- Oklahoma State University**

2013 Department of Design, Housing and Merchandising, Euphoria Fashion Show, Assistant Director  
 2012-2013 Institute for Creativity and Innovation, Graduate Student Representative  
 2012-2013 Regents Distinguished Teaching Award Selection Committee, Graduate Student Representative  
 2012 Department of Design, Housing and Merchandising, Euphoria Fashion Show, Co-producer, Model and Garment Coordinator  
 2011-2012 Graduate and Professional Student Government Organization, Department of Design, Housing and Merchandising Representative  
 2010-2011 Oklahoma State University Academic Integrity Panel, Graduate Student Member  
 2009-2013 Department of Design, Housing and Merchandising Graduate Student Organization President

**Service- Kansas State University**

2005-2006 Kansas State Chapter of American Association of Textile Chemists and Colorists, President  
 2005-2006 Undergraduate Academic Advisor, Department of Apparel, Textiles and Interior Design  
 2004-2005 Kansas State Chapter of American Association of Textile Chemists and Colorists, Vice President

**Honors and Awards**

2019 Nominated for Vice President of Operations for the International Textile and Apparel Association

- 2015 Nominated for the College of Agriculture and Natural Resources Lawrence Meeboer Agricultural Classroom Teaching Award
- 2014 Most Successful Use of Embellishment Techniques for Stylized Strut, Coat Couture
- 2012 Award for most Sustainable Design, Oklahoma State University Euphoria Fashion Show, April, 2012.
- 2012 2<sup>nd</sup> Place Paper Presentation in Social Sciences and Humanities Category, Oklahoma State University Research Week, Feb. 2012
- 2010 1<sup>st</sup> Place Paper Presentation in Social Sciences and Humanities Category, Oklahoma State University Research Week, Feb. 2010

### **Professional Memberships**

- 2018-present Costume Society of America
- 2016 Inducted as an honorary member to Phi Upsilon Omicron, Delta chapter
- 2014-2017 Surface Design Association
- 2013-present American Association of Family and Consumer Sciences
- 2009-present Educators for Socially Responsible Apparel Practices
- 2008-present International Textile and Apparel Association

### **Skills**

- Optitex Pattern-making Software
- Cameo Drafting and Flat Pattern Design Software
- Gerber Accumark: Patternmaking, grading and marking software
- Adobe: Creative Cloud
- Lectra: U4ia for print design (now Kaledo), Modaris for pattern-making and grading, Diamino for marker-making
- GOPLM Product Lifecycle Management Software
- Hand patternmaking, hand grading, draping and garment construction
- Advanced textile testing and garment specification knowledge