

CURRICULUM VITAE

NAME: Yingying Wu
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 1324 Lovers Lane
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PROFESSIONAL EXPERIENCE

2016 – Present	Assistant Professor	Department of Apparel, Textiles, and Interior Design College of Human Ecology Kansas State University
2012-2016	Teaching Assistant	Department of Fiber Science & Apparel Design College of Human Ecology Cornell University

EDUCATION

2012 – 2016	Ph.D.	Cornell University	Apparel Design
2009 – 2011	M.Phil.	Hong Kong Polytechnic University	Textile and Fashion Technology
2005 – 2009	B.Eng.	Zhejiang Sci-Tech University	Fashion Design and Engineering
2008 Fall	Exchange Student	State University of New York at Oswego	

CURRENT ONGOING RESEARCH PROJECTS

<u>Period</u>	<u>Project Title</u>	<u>Funding Body</u>	<u>Role</u>	<u>Fund</u>
2018 – Present	Anthropometric Study of Firefighters: Male Hand and Female Full Body and Hand	<i>AES</i>	PI	\$1,000
2017 – Present	Development of a method for shirt design and fabrication to fit around bra size: a pilot study	<i>Gneiss Concept</i>	PI	\$7,370

RESEARCH PROJECT IN PREPARATION

<u>Period</u>	<u>Project Title</u>	<u>Funding Body</u>	<u>Role</u>	<u>Fund</u>
2019 Spring	Visual attention of Apparel Shopping website: Insights from eye-tracking study	<i>K-State University Small Research Grant (USRG)</i>	PI	TBD
2019 Fall	Visual attention of female body: an explorer eye-tracking study on female body image	<i>College of Human Ecology Sponsored Research Overhead Funds (CHE SRO)</i>	PI	TBD

COMPLETED RESEARCH PROJECTS

<u>Period</u>	<u>Project Title</u>	<u>Funding Body</u>	<u>Role</u>	<u>Fund</u>
2018	An Anthropometric Study of Middle West Population	<i>Human Solutions: Project Size North America</i>	PI	\$15,956
2017 – 2018	Visual attention of Airbnb website: Insights from eye-tracking study	<i>None</i>	CO-PI	N/A
2012 – 2017	Development of Close-Fitting Firefighters' Boots to Improve Mobility	<i>Honeywell First Responders Inc.</i>	RA	\$95,500

2014 – 2016	Body Image and Appearance Management Strategies of Female Collage Students	<i>Dept. of Fiber Science & Apparel Design Cornell University</i>	PI	\$1,600
2009 – 2014	Evolutionary Computer-aided Design for Garment Pattern Making	<i>The Research Grants Council of the HKSAR</i>	RA	HK\$837,761
2008 – 2013	Development of an Integrated Garment Pattern Generation System for Fit Optimization	<i>The Research Grants Council of the HKSAR</i>	RA	HK\$546,844

RESEARCH PROJECT APPLIED (NOT FUNDED)

<u>Period</u>	<u>Project Title</u>	<u>Funding Body</u>	<u>Role</u>	<u>Fund</u>
2018 Fall	IGE - Utilizing eye-tracking (ET) technology to transform STEM curriculum: Integrating Computational Thinking (CT) skills into smart grid and apparel design education	<i>NSF</i>	Co-PI	\$443,252

GRANTS (FUNDED)

	<u>Title</u>	<u>Funding Body</u>	<u>Fund</u>
2018 Nov.	Teaching Grants for teaching Optitex	<i>Academy Sports + Outdoors</i>	\$5,000
2017 Jan.	Teaching Grants for teaching Optitex	<i>Academy Sports + Outdoors</i>	\$5,000
2015	Research Travel Grant for dissertation research project: A cross-cultural study of 35-55 year-old females' body-image, appearance management strategies, and attitudes toward 3D technology	<i>Cornell University Graduate School</i>	\$2,000

PEER REVIEWED PUBLICATIONS

2018	Wu, Y. Y. , Xiao, P., & Ashdown S. P. (2018), A cross-cultural study of college-age females' body satisfaction and clothing choices, <i>Journal of Textile Engineering and Fashion Technology</i> . 4(2), 141-146.
	Wu, Y. Y. (2018), An Exploratory Study of Fashion Blogs Using Nethnography, <i>Invention Journal of Research Technology in Engineering & Management</i> . 2(1), 71-75.
2016	Mok, P. Y., Xu, Jie, & Wu, Y. Y. (2016), Chapter 9: Fashion design using evolutionary algorithm and fuzzy set theory – a case to realize skirt design customizations. In J. Choi (Ed.) <i>Information systems for the fashion and apparel industry</i> (1st ed.). Woodbury.
2014	Park, H., Kim, S., Wu, Y. Y. , & Allen, N. E. (2014), Beyond Protection, <i>AATCC Review</i> , 14(5), 40-45.

WHITE PAPERS

2018	McDonald, C., Wu, Y. Y. , Ballester, A., & Stahl, M. (2018). <i>IEEE Industry Connections (IEEE-IC) Landmarks and Measurement Standards Comparison in 3D Body-model Processing</i> [White paper]. Retrieved March 1, 2018, from Institute of Electrical and Electronics Engineers Standard Association (IEEE - SA): https://ieeexplore.ieee.org/servlet/opac?punumber=8362826
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REFERRED CONFERENCE PROCEEDINGS (* indicates work done as a mentor for students)

2019	Jang, J., & Wu, Y. Y. (under review), What do consumers look at Airbnb accommodation? Evidence from an eye-tracking study. <i>Proceeding of the Frontiers in Service Conference</i> , July 18 th -21 st , 2019, Singapore.
	Wu, Y. Y. , & Islam, M. (under review), An investigation of consumers' online shopping behaviors toward sustainable apparel products using eye-tracking technology. <i>Proceeding of the 2019 Sustainability in Fashion ITAA Joint Conference</i> . July 30 th – August 1 st , 2019,

- London, United Kingdom.
- 2018 Wang, Y. Y., Fowler, C., **Wu, Y. Y.***, & McDonald, C. (2018), Basic Bodice Blocks Development for Fitting Large-Breasted Women. *Proceedings of the International Textile and Apparel Association (ITAA)*, Nov. 6th – 9th, 2018, Cleveland, Ohio, United States.
- 2017 **Wu, Y. Y.**, & Ashdown, S. P. (2017), A cross-cultural study of consumer perceptions of clothing fit: expanding fit education to consumers. *Proceedings of the International Textile and Apparel Association (ITAA)*, Nov. 13th – 18th, 2017, St. Petersburg, Florida, United States.
- Wu, Y. Y.** (2017), Comparing Real Garment Fitting and 3D Virtual Fitting. Featured Presentation. *Proceedings of the Eleventh International Innovation Forum of Textiles & Clothing*. July 05th – 06th, 2017, Shanghai, China.
- 2014 **Wu, Y. Y.**, & Ashdown, S. P. (2014), A pilot study of investigating 35-55 year old Chinese female's body image and adoption of clothing as a body and appearance management strategy. *Proceedings of the International Textile and Apparel Association (ITAA)*, Nov. 12th -16th, 2014, Charlotte, North Carolina, United States.
- 2013 **Wu, Y. Y.**, Jacqueline, L. P., & Ashdown, S. P. (2013), The influence of scan image for 18-22 age women. *Proceedings of the International Textile and Apparel Association (ITAA)*, Oct. 15th – 17th, 2013, New Orleans, Louisiana, United States.
- Morris, K., Moukperian, M., Campbell, C., Dorn, J., Trejo, H., **Wu, Y. Y.**, Goodnow, L., Schultz, S., Wu, J., & Ashdown, S. P. (2013). Exploring a Process: Using Technology to Define Firefighter Glove Fit Preference. *Proceedings of the International Textile and Apparel Association (ITAA)*, Oct. 15th – 17th, 2013, New Orleans, Louisiana.
- 2011 **Wu, Y. Y.**, Mok, P. Y., Kwok, Y. L., Fan, J. T., & Xin, J. H. (2011). Intelligent pattern design system for skirt patten making. *Proceedings of the International Symposium on Advanced Textiles, Fashion Industry (TBIS)*, 2011, Beijing, China.
- Wu, Y. Y.**, Mok, P. Y., Kwok, Y. L., Fan, J. T., & Xin, J. H. (2011). An Investigation on the Validity of 3D Clothing Simulation for Garment Fit Evaluation. *Proceedings of the IMPROVE 2011*, June 15th – 17th, 2011, Venice, Italy, 463-468.

INVITED PRESENTATION

- 2017 **Wu, Y. Y.** (2017), *Three-Dimensional Apparel Design in Higher Education*. Guest Lecture. Graduate Students Forum, College of Education, Zhejiang University. June 30th, 2017, Hangzhou, China.
- Wu, Y. Y.** (2017), *Experience of Higher Education in United States*. International Department of Huzhou High School. July 4th 2017. Huzhou, China

DESIGN SCHOLARSHIP – JURIED EXHIBITIONS (ACCEPTED)

	<u>Award</u>	<u>Title of Design</u>	<u>Design Competition</u>
2017	Featured Design	SILKISM Yoga Collection: Development and Innovative Use of Natural Materials for Active Wear	<i>The First International Annual Carnival of Nature, Education, and Design, Hangzhou, China</i>
2015	Runner-ups	Body Illusion	<i>Alvanon Half-Scale Challenge</i>

AWARDS

- 2017 Oct. ITAA Optitex Student Award – Design and Business Strategy
International Textile and Apparel Association (ITAA) & Optitex (\$500)
- 2014 – 2015 Mary E. Purchase and Vincent V.C. Woo Memorial Graduate Fellowships
Cornell University (\$55,290)
- 2011 Outstanding Research Paper
The International Symposium on “Advanced Textiles, Fashion Industry”
The Beijing Institute of Fashion Technology
- 2010 Champion
Graduate Students Research Presentation Competition

2008 – 2009	<i>Institute of Textiles and Clothing, Hong Kong Polytechnic University</i> Excellent Undergraduate Award (First-class Graduation Honor) <i>Zhejiang Sci-Tech University</i> Best Undergraduate Scholarship (2 nd Class) <i>Zhejiang Sci-Tech University</i>
2007 – 2008	First Prize National English Contest for College Students (NECCS) <i>Ministry of Education of the People's Republic of China</i> Best Undergraduate Scholarship (1 st Class) <i>Zhejiang Sci-Tech University</i>
2006 – 2007	National Scholarship for Excellent Chinese Universities Students <i>Ministry of Education of the People's Republic of China</i> Hong Kong Sang Ma Trust Fund Scholarship (2 nd Class) <i>Hong Kong Sang Ma Trust Fund</i> Excellent Undergraduate Award <i>Zhejiang Sci-Tech University</i> Best Undergraduate Scholarship (1 st Class) <i>Zhejiang Sci-Tech University</i> Nominee – Fu Rong “Commonwealth” Award <i>Hunan Provincial Committee of Communist Youth League, Hunan Youth Development Foundation, and China Tobacco Hunan Industry Corporation</i>
2005 – 2006	Excellent Undergraduate Award <i>Zhejiang Sci-Tech University</i> Best Undergraduate Scholarship (1 st Class) <i>Zhejiang Sci-Tech University</i>

GRADUATE APPOINTMENTS

Major Professor: Resident

2017 – Present Md. Mayedul Islam (M.S.)

Committee Member: Resident

2016 – Present Sahar Hassan Ejeimi (Ph.D.)

COURSE TAUGHT

	<u>Course Name</u>	<u>Institute</u>	<u>Role</u>
Springs, 2018 & 2017	AT410 Apparel Production II AT610 CAD for Apparel	Kansas State University	Instructor
Falls, 2018 - 2016	AT655 Apparel Pattern Development I AT670 Apparel Pre-Production Process	Cornell University	TA
2016 Spring	FSAD 2660 Product Development		
2015 Fall	FSAD 1450 Introduction to Fashion Design FSAD 2650 Patternmaking for Fashion Design		
2014 Spring	FSAD 3690 Style, Fashion, and the Apparel Industry The Barbara L. Kuhlman scholar's fiber arts & wearable arts exhibition		
2013 Fall	FSAD 1450 Introduction to Fashion Design FSAD 2650 Patternmaking for Fashion Design		
2013 Spring & 2012 Fall	FSAD 1140 Introduction to Computer-Aided Design	TA	
2012 Spring	FSAD 3550 Active Sportswear Design	TA	
	FSAD 2640 Draping	TA	

FACULTY MENTOR OF UNDERGRADUATE RESEARCH and HONORS PROJECTS

2017 – 2018 Yiya Wang & Charlsie Fowler (AT499 Independent Study)
2016 Emily Andrews (Honors Project)

STUDENTS' SUCCESS THROUGH TEACHING & MENTORING

2018 Nov. Yiya Wang & Charlsie Fowler (AT499 Independent Study): Poster Presentation for project titled Basic Bodice Blocks Development for Fitting Large-Breasted Women, *International Textile and Apparel Association (ITAA)*, Nov. 6th – 9th, 2018, Cleveland, Ohio, United States.
2018 Apr. Yiya Wang & Charlsie Fowler (AT499 Independent Study): Presentation and Display for project titled Basic Bodice Blocks Development for Fitting Large-Breasted Women, College of Human Ecology Undergraduate Research and Creative Inquiry Competition.
2017 Nov. Brook Wallace, Emily Sanders, Maria Zarina Domingo, and Yelei Yang (AT670 Apparel Pre-production and Process): *Construct an Illusion*. ITAA Optitex Student Award of Design and Business Strategy, International Textile and Apparel Association (ITAA) & Optitex (\$500)
2017 Nov. Brook Wallace, Emily Sanders, Maria Zarina Domingo, and Yelei Yang (AT670 Apparel Pre-production and Process): *Kaleidoscope*. International Textile and Apparel Association (ITAA) Design Competition.

MEMBERSHIPS OF PROFESSIONAL BODIES

2012 – Present Member International Textiles and Apparel Association
2015 – 2016 Member Textile Society of America
2015 – 2016 Member Costume Society of America

LEADERSHIP AND MANAGEMENT

2018 – Present Kansas State University Official Representative & Member
NC170 Multistate Research Group: Personal Protective Technologies for Current and Emerging Occupational and Environmental Hazards
2017 - Present Committee Member, Curriculum Development and Review Committee
International Textile and Apparel Association (ITAA)
2016 – Present Founding Member & Team Leader
International Electrical and Electronics Engineers Standard Association – Industry Connection(IEEE-SA-IC)

INSTITUTIONAL SERVICE

2017 – Present Committee Member, *University Library Committee*, Kansas State University
Committee Member, *Faculty Affair Committee*, College of Human Ecology, Kansas State University
Committee Member, *Academic Standards Committee*, College of Human Ecology, Kansas State University
Committee Member, *Faculty Awards Nomination Committee*, Department of Apparel, Textiles, and Interior Design, Kansas State University.
Committee Member, *ID Search Committee*, Department of Apparel, Textiles, and Interior Design, Kansas State University
2018 Committee Member, *Reappointment Advisory Review Committee*. Department of Apparel, Textiles, and Interior Design, Kansas State University.
2017-2018 Co-advisor, *Apparel Marking and Design Association (AMDA)*, Department of Apparel, Textiles, and Interior Design, Kansas State University.
Committee Member, *Interior Design Faculty Search Committee*, Department of Apparel, Textiles, and Interior Design, Kansas State University.
2013 – 2014 Secretary, *Fiber Science & Apparel Design Journal Club*, Cornell University
2012 Assistant, *Cornell Fashion Collective (CFC)*, Cornell University
2007 Vice Director, *Department of student studying and researching affair*, Student Union of the

Fashion Institute of Zhejiang Sci-Tech University
 University Student Ambassador, *The Welcoming Gala of Taiwan University Students*,
 Communist Youth League at Hang Zhou, China
 Volunteer, *Hangzhou Homeless Center*, Hang Zhou, China
 Volunteer, *Women World Cup*, FIFA, Hang Zhou, China

SERVICE TO APPAREL DESIGN COMMUNITY

2017 Nov. Design Judge, *Make It with Wool Contests*
 2017 Jul. Undergraduate Design Jury, *International Textile and Apparel Association (ITAA)*
 2016 Nov. Design Judge, *Make It with Wool Contests*

TRAINING & WORKSHOPS

2018 Dec. Training on AnthroScan
 2018 May 2018 iWomen Annual Conference - Workshop: Where Research and Firefighting Experience
 Come Together to Develop the Future of Personal Protective Equipment
 2018 Apr. Training on Browzwear Lotta 3D Design System
 2018 Apr. Training on Tobii Eye Tracking Pro & Analyzer
 2018 Apr. Training on Human Solutions VITUS 3D Body Scanner
 2018 Mar. Training on Siro-FAST Textiles Testing System
 2017 Apr. New Faculty D.C. Trip, Kansas State University
 2016 – 2017 New Faculty Institute, Kansas State University
 2015 Academic Writing: semester-long course, Cornell University
 2015 University-wide (U-wide) Teaching Conference, Cornell University
 2015 Colman Leadership Program, Cornell University
 2014 Teaching in Higher Education: semester-long course, Cornell University
 2014 CLO3D Apparel CAD training
 2013 Optitex Apparel Pattern CAD Training

INDUSTRY PRACTICES

	<u>Corporation</u>	<u>Role</u>
2018	High Fashion International Ltd., Hangzhou, China	Consultant
2009 – 2018	He Hong Machine Co., Ltd., Huzhou city, Zhejiang, China	Consultant
2007	USAGO International Apparel Trading Company, Hang Zhou, China Tai He Apparel Company, Jia Xing, China	Manager Assistant Trainee

OUTREACH

2018 Invited speaker, *Verde Clovers 4H Club*, May 14th, Manhattan, KS.
 2018 Department Representative for recruitment, *Career Connection Event*, Oct. 2nd, Kansas City, KS.
 2018 Exhibitor, *K-State Research Showcase*, May 16th, K-State Olathe Campus, KS.
 2017 Department Representative for recruitment, *Rightfully Sewn*, October 14th, Kansas City, KS.

TECHNICAL SKILLS

Test for Fabric Handle	SiroFAST;
Eye Tracking	Tobii pro-glass 2 eye trackers;
3D Body Scanning	Human Solution Vitus XXL; [TC] ² ; Structure Sensor 3D Scanner;
Graphic Design	Adobe Photoshop, Illustrator, & InDesign
Patternmaking and 3D Design Software	OptiTex; Browzwear; CLO3D; AutoCAD; Gerber AccuMark PDS;
3D Software	AnthroScan; GeoMagic; Google Sketchup;
Quantitative Analysis	SPSS; R Studio;
Qualitative Analysis	ATLAS. ti; NVivo;
Bibliographic Management Programs	Reflow; Mendeley;
Others	XSENS Motion Capture; Tekscan Pressure Mapping Sensors;