

# Jessica Laché Singleton

Assistant Teaching Professor  
Wilson College of Textiles, NC State University  
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Founder & Designer  
Laché Supply & Company, LLC.  
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[info@lachesupplyco.com](mailto:info@lachesupplyco.com)

## EDUCATION

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|----------------|---|
| 2024 - present | <b>Ph.D. Textile Technology</b><br><i>North Carolina State University - Raleigh, NC</i>   |
| 2013 - 2015    | <b>M.F.A. Fashion Design</b><br>Specialization in Menswear<br><i>Savannah College of Art &amp; Design - Atlanta, GA</i>                 |
| 2005 - 2009    | <b>B.S. Textile Apparel Management: Fashion Development, Product Management</b><br><i>North Carolina State University - Raleigh, NC</i> |

## TEACHING EXPERIENCE

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| Jan 2024 - present   | <b>ASSISTANT TEACHING PROFESSOR</b><br><i>North Carolina State University, Raleigh, NC</i>   |
| July 2016 - Feb 2018 | <b>PROFESSOR OF FASHION DESIGN &amp; DEPARTMENT HEAD</b><br><i>Art Institute of Charleston, Charleston, SC</i> <ul style="list-style-type: none"><li>● Fashion Department Head - oversaw the Senior Fashion show &amp; the campus' participation in Charleston Fashion Week.</li><li>● Provided competency-based education aligning with model curricula for flat pattern making, 2D pattern making/grading, trend/color forecasting, sewing/construction, and technical specification development.</li><li>● Established learning-centered instructions by creating classroom environments conducive to learning, student involvement, apparel, and textile skill development.</li><li>● Contributed to the learning culture through task forces, campus events, workshops, and faculty meetings.</li></ul> |

Jan 2017 - Dec 2017

**ADJUNCT PROFESSOR OF FASHION MERCHANDISING & FACULTY ADVISOR**

*South Carolina State University, Orangeburg, SC*

- Faculty Advisor - oversaw the Fashion Merchandising Association and its campus activities.
- Challenged students & aided professional development in fashion merchandising & business benefiting their future employers.
- Encouraged class discussions by building discussions into lessons, actively soliciting input, asking open-ended questions and using techniques to track student participation.
- Managed curriculum standards, lesson plans and syllabi.

Sep 2014 - May 2015

**PEER TUTOR & STUDENT LECTURER**

*Savannah College of Art & Design, Atlanta, GA*

- Provided individual and group assistance in design focused labs for Gerber AccuMark fashion development, sewing, construction, and CAD fashion design.
- Instructed FASH 317: CAD Pattern Making course upon SCAD's Dean of Fashion request during a professor's absence.
- Assisted other students with homework and provided supplementary instruction.
- Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses.

Jan 2015 - May 2015

**TEACHER'S ASSISTANT**

*Savannah College of Art And Design, Atlanta, GA*

- Assisted the professor in conducting an amplified learning experience for students in fashion draping principles on three-dimensional dress forms.
- Managed course lessons for collar draping, Bill Blass Gibson Blouse, and tunic draping.
- Supported student-learning objectives through personalized and small group assistance.
- Reviewed lesson material with students individually or in small groups.

## **FIELD EXPERIENCE**

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July 2006 - present

**FOUNDER & CREATIVE DIRECTOR**

*Laché Supply & Company, LLC., Burlington, NC*

- A part of Browzwear's Indie Program driving small businesses forward with utilizing 3D Design and prototyping to increase productivity and efficiency using Browzwear VStitcher.
- Creates texturing, lighting, and 3D renderings using Browzwear VStitcher.
- Creates and revises production specs, flat/ digital patterns, CAD sketches, 3D renderings, and graphic prints ensuring appropriate documentation is maintained for sampling.
- Drives the development process and brand direction while managing final concepts, print approvals, and art directives during sampling & photoshoots.
- Manages e-commerce technology, graphic design, photography, social media & other innovative branding ideas for the online store and Amazon.
- Maintains up-to-date & organized design archives ensuring the brand pushes forward with new & innovative ideas.
- Creates UX/UI designs, graphic design, some photography, digital marketing, and digital merchandising

July 2021 - Jan 2023

## **SENIOR TECHNICAL DESIGNER & PATTERN ENGINEER**

*HanesBrands, Inc., Winston Salem, NC*

- Owned and managed the fit and construction from the initial concept to production for Champion & Hanes as a part of the basics innerwear team.
- Created, revised, and graded patterns for seasonal/cost savings development using Lectra Modaris and Gerber Accumark.
- Created CAD digital designs and images for technical specifications.
- Used digital drawing tools or software to bring ideas to life and explore different design variations.
- Created and revised production specs ensuring the appropriate documentation was maintained for sampling, manufacturing, & flow-in product improvements.
- Led product fittings to confirm styles aligned with Design/Merchandising intent while driving and executing the company's fit, construction, and quality standards to ensure consistency.
- Provided my technical expertise and resources to the design, merchandising, and planning teams offering problem solving and design suggestions based on construction, materials, and company standards.
- Tracked and facilitated proto samples, identifying any key construction or manufacturing issues with internal plants (Asia and the Dominican Republic) to ensure on-time delivery of products with sustainable practices.
- Managed various cost-saving projects and product improvements to help the company's bottom line and white space.
- Trained Asia's product development team on managing & developing garment styles for domestic brands in overseas manufacturing facilities.

Sep 2019 - July 2021

## **TECHNICAL DESIGNER II & MASK EXPERT**

*HanesBrands, Inc., Winston Salem, NC*

- Owned the fit and construction from initial concept to production for Champion, Hanes, Polo, & Chaps as a party of the basics innerwear team.
- Managed all product specifications for both medical & retail masks.
- Created, revised, and graded patterns for seasonal/cost savings development using Lectra Modaris and Gerber Accumark.
- Created CAD digital designs and images for technical specifications.
- Used digital drawing tools or software to bring ideas to life and explore different design variations.
- Created and revised product specifications to ensure the appropriate documentation was maintained for sampling & manufacturing.
- Led product fittings to confirm styles aligned with Design/Merchandising's intent while driving and executing the company's fit and construction standards to ensure consistency.
- Trained Asia's product development team on managing product improvements for domestic brands in overseas manufacturing facilities.

Feb 2018 - Sep 2019

## **TECHNICAL DESIGNER (EUROPEAN BRANDS)**

*HanesBrands, Inc., Rural Hall, NC*

- Owned the fit and construction from initial concept to production for men's, women's, and boy's basic international products (DIM Paris, DIM Basics, DIM Sport, Abanderado, Nur Der, Nur Die, BMEN, & Champion) as a part of Europe's innerwear team.
- Created, revised, and graded cost-effective Chassis blocks for seasonal/future development using Lectra Modaris.
- Created and revised product specs to ensure that suitable documentation was maintained for sampling & manufacturing.
- Led product fittings to ensure styles aligned with Design's intent and fit/ construction standards and consistency across European brands.
- Partnered with cross-functional teams to support company initiatives, special projects & product improvements in France, Germany, Italy, the Czech Republic, Vietnam, Bangladesh, Cambodia, & Korea.

Sep 2016 - April 2017

## **FREELANCE FASHION DESIGNER & ILLUSTRATOR**

*Twentieth Century Fox, Atlanta, GA*

- Created fashion sketches, illustrations, & draped garments for set & character storyline development or season 1 of Lee Daniels' "STAR".
- Sketched artistic and fresh designs for consideration.
- Aided in the set development and styling of a main character, Cotton.

May 2016 - Aug 2016

## **ASSISTANT MENSWEAR DESIGNER & PRODUCTION ASSISTANT**

*J. Stark, Charleston, SC*

- Assisted with production by sewing and constructing wool, canvas, leather bags & other menswear accessories.
- Managed product specifications, creating CAD sketches, and ready-to-wear design research for future development.
- Applied effective time management techniques to meet tight deadlines

Sep 2015 - Feb 2016

## **DOCUMENTS CONTROL & TEXTILE TESTING COORDINATOR**

*Sawgrass Ink, Mount Pleasant, SC*

- Led the Oeko-Tex and ECO-PASSPORT certification process, assuring Sawgrass' Fabric Maker, Pigment Inks, and Sublimation inks were certified and tested at the Hohenstein Textile Testing Institute in Germany
- Coordinated color profile and chemical fabric coating testing and standards for textiles.
- Kept up-to-date records of textile testing and standards.

Feb 2015 - May 2015

## **TECHNICAL DESIGN INTERN**

*Spanx, Atlanta, GA*

- Assisted the technical design team with digitizing block patterns into Gerber AccuMark.
- Edited images, fit comments, specification sheets, labels, CAD sketches, and PLM V. 14 tech pack pages.
- Measured proto samples, created beneficial notes during fit sessions, and recorded sample measurements into PLM V.14.
- Brainstormed with peers and other design team members to determine enhancements and product features.
- Collaborated with a team of engineers to develop new products.
- Used Qualtrics software to track garment testing and fit issues.

Feb 2014 - Feb 2015

## **FREELANCE TECHNICAL DESIGNER**

*Andre 3000, Inc., Atlanta, GA*

- Created technical sketches of Andre 3000's original designs and mock-ups.
- Worked closely with André 3000, to develop specifications for his tour outfits.
- Created proofs of concept for innovative new solutions.

June 2014 - Aug  
2014

## **APPAREL DESIGN INTERN**

*Belk, Charlotte, NC*

- Created CAD sketches for Belk's private brands: Red Camel, Chip & Pepper, Crown and Ivy, & ND Weekend.
- Assisted with Fall 2015/16 style & key color trend research & sketches.
- Participated in concept and production projects under assigned conditions.

## **PATENTS**

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### **SUPPORT ELEMENTS FOR UNDERWEAR**

- **Patent number:** D1007813
- **Status:** In Force
- **Date of Patent:** December 19, 2023
- **Assignee:** HBI Branded Apparel Enterprises, LLC. (USA)
- **Inventors:** Tasha R. Perry, Sherry E. Kimel, Jessica Singleton
- **Role:** Led technical development, pattern engineering, fit approvals, and wear tests. Oversaw prototype testing and collaborated with design, merchandising, and legal teams throughout the patent application process.
- **Link:** <https://patents.google.com/patent/USD1007813S1/en>

### **GARMENT WAISTBAND SYSTEM AND METHOD**

- **Patent application number:** 18486040
- **Status:** Pending
- **Filing Date:** October 12, 2024
- **First Publication Date:** April 18, 2024
- **Assignee:** HBI Branded Apparel Enterprises, LLC. (USA)
- **Inventors:** Tasha R. Perry & Jessica Singleton
- **Description:** A waistband for use in a garment is provided. The waistband may have a flexible body including a first portion imparted with a first width dimension, a second portion imparted with a second width dimension, and a transition portion imparted with a third width dimension. The transition portion may be disposed between the first portion and the second portion. The first width dimension of the first portion may be less than the second width dimension of the second portion. Further, the third width dimension of the transition portion may be no greater than about the second width dimension.
- **Role:** Led technical development, pattern engineering, fit approvals, and wear tests. Oversaw prototype testing and collaborated with design, merchandising, and legal teams throughout the patent application process.
- **Link:** <https://patentimages.storage.googleapis.com/44/09/c4/8132ad1991dbe1/US20240122271A1.pdf>

## **PRESS & PUBLICATIONS**

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### **PRESS**

American Association of Textile Chemists and Colorists (AATCC). (2024, July/August). AATCC C2C student design competition award winners. *AATCC Review*, 24(4), 18.

Dubuisson, D. (2024, April). The cast iron cooks we love. *Southern Cast Iron*, 10(2).

Southern Cast Iron Magazine. (2023, August). The Cajun and Creole issue. *Southern Cast Iron*, 9(4), 9.

Southern Cast Iron Magazine. (2023, August). The Cajun and Creole issue. *Southern Cast Iron*, 9(4), 9.

MACGUYVER. "Women's History Month Highlight: Four Black Women Owned Businesses You Should Know." *Stupid Dope*, 31 Mar. 2021, <https://stupiddope.com/2021/03/womens-history-month-highlight-four-black-women-owned-businesses-you-should-know/>. Accessed 31 Mar. 2021.

"Meet Jessica Singleton (Fulks): Menswear Designer, Food Blogger, & Private Chef." *Shoutout Atlanta*, 25 May 2021, <https://shoutoutatlanta.com/meet-jessica-singleton-fulks-menswear-designer-food-blogger-private-chef/>. Accessed 25 May 2021.

"Rising Stars: Meet Jessica Singleton." *Voyage ATL*, 2 Dec. 2020, <http://voyageatl.com/interview/rising-stars-meet-jessica-singleton-fulks-north-carolina/>. Accessed 2 Dec. 2020.

Austin Mahone "Joy Ride" Music Video. 2016.

Hey Mikey!. "'Power's' Joseph Sikora Cover Kontrol Homme: The Man Behind Tommy Egan!." *Kontrol HOMME Cover*, 2016.

Lipton, Brian. "BELK SELECTS FINALISTS FOR 2016 SOUTHERN DESIGNER SHOWCASE." *MR Mag*, 29 Apr. 2016, <https://mr-mag.com/belk-selects-finalists-2016-southern-designer-showcase/>. Accessed 29 Apr. 2016.

"Emerging Designers Ruled the Charleston Fashion Week Runway." *Fashionado*, 22 Mar. 2016, <https://www.fashionado.net/blog/2016/3/22/emerging-designers-ruled-the-charleston-fashion-week-runway>. Accessed 22 Mar. 2016.

Carbo, Brooke. "Fayetteville Native Shares Menswear Line She Premiered at Charleston Fashion Week." *Fayetteville Observer*, 20 Mar. 2016, <https://www.fayobserver.com/story/lifestyle/2016/03/20/fayetteville-native-shares-menswear-line/22387977007/>. Accessed 20 Mar. 2016.

Bevan, Andrew. "Dame Vivienne Westwood Has Some Unexpected Advice for Student Designers." *Teen Vogue*, 22 May 2015, <https://www.teenvogue.com/gallery/scad-student-designer-collections-vivienne-westwood>. Accessed 22 May 2015.

Newton, Marc. "Savannah College of Art and Design Fashion Show 2015." *WWD (Women's Wear Daily)*, 22 May 2015, <https://wwd.com/fashion-news/fashion-features/gallery/savannah-college-of-art-and-design-fashion-show-2015/a-look-by-jessica-fulks/>. Accessed 22 May 2015.

"Neiman Marcus Showcases 2014 Spring Runway Looks at NBAF Fine Art + Fashion." *Rolling Out*, 23 Mar. 2014, <https://rollingout.com/2014/03/23/nbaf-fashion-show-neiman-marcus/#15>. Accessed 23 Mar. 2014.

## **PUBLICATIONS**

Singleton, J. L., & West, A. (2025). Advancing Fit and Inclusivity: Utilizing BMI and Body Shape to Create 3D Avatars for Men's Extended-Size Suits. *Digital Human Modeling and Applications in Health, Safety, Ergonomics and Risk Management*, 15793, 238–253. [https://doi.org/10.1007/978-3-031-93508-4\\_18](https://doi.org/10.1007/978-3-031-93508-4_18)

## **INVITED PRESENTATIONS**

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June 2025 - Conference Presenter, DHM: Digital Human Modeling and Applications in Health, Safety, Ergonomics and Risk Management; S047: Integrating 3D Modeling and Anthropometry for Precision in Apparel Design  
HCI International 2025 Conference (HCII2025)

April 2021 - Alumni Presenter, Chancellor Woodson's Annual Visit Presentation  
College of Textiles, North Carolina State University

April 2021 - Guest Lecture, FTM 310 Entrepreneurship  
College of Textiles, North Carolina State University

October 2021 - Guest Lecture, FTM 310 Entrepreneurship  
College of Textiles, North Carolina State University

## **HONORS & AWARDS**

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September 2024 - On-the-Spot Award  
The Wilson College Committee on Awards, NC State University

July 2024 - C2C Student Design Competition 1st Place Winner (\$2,000)  
American Association of Textile Chemists and Colorists (AATCC)

January 2021 - Wilson College of Textiles New Distinguished Young Alumni Award  
NC State University

July 2017- Belk's Southern Designer Showcase Finalist  
Belk

October 2016- People's Choice, Judge's Choice (Thursday Night) & Top 5 Finalist  
Charleston Fashion Week 2016

March 2015- Emerging Designer Award (\$5,000)  
National Black Arts Festival

March 2014- Emerging Designer Award (\$5,000)  
National Black Arts Festival

2014 - Fashion Student's Network Winner  
Fashion United

July 2013- Belk's Southern Designer Showcase Finalist  
Belk

2013- 2014 SCAD Honor Scholarship  
Savannah College Of Art And Design

October 2011- Couture for a Cause 1st Place Winner  
Activate Good

November 2010- Couture for a Cause 1st Place Winner  
Activate Good

April 2009- AATS Fashion Show 2nd Place Winner, Best in Show & Audience Favorite  
African American Textile Society, North Carolina State University

April 2009- Ebony Harlem Art Award of Excellence  
African American Cultural Center, North Carolina State University

April 2008- Ebony Harlem Art Award of Excellence  
African American Cultural Center, North Carolina State University

April 2008- AATS Fashion Show 1st Place Winner  
African American Textile Society, North Carolina State University

## **TEACHING AREAS OF EXPERTISE**

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### **Graduate Level & Professional**

Computer Pattern Making - Gerber Accumark

### **Undergraduate**

3D Apparel Design  
Apparel Design  
Apparel Construction & Fit  
Apparel Technical Design  
Computer Aided Design  
Digital Surface & Textile Design  
Draping  
Electronic Pattern Grading Processes  
Flat Pattern Making  
Menswear Design

### **Corporate Training**

Domestic/International Technical Design Practices  
Product Development Processes  
Pattern Development  
Target Costing

## **LECTURED COURSES & TRAINING**

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### **North Carolina State University – Undergraduate**

FTM 219: Fashion Product Analysis  
FTM 317: CAD for Apparel Design  
FTM 318: Fashion Development Processes  
FTD 216: Fashion Workroom Practices  
FTD 321: Fashion Design by Draping

### **Art Institute of Charleston – Undergraduate & Upper-Level Undergraduate**

FADA 305: Electronic Patternmaking (Gerber Accumark)  
FADA 323: Electronic Grading, Marking, & Cutting (Gerber Accumark)  
FADA 407: Sourcing & Technical Design  
FADA 417: Digital Textile Design  
FASA 105: Survey of the Fashion Industry  
FASA 116: Visual Merchandising  
FASA 133: Flat Pattern Making



FASA145: Trends and Forecasting  
FASA 206: Fashion Photography Styling  
FASA 263: Computer Production Systems  
GWDA 103: Technical CAD Illustration  
GWDA 209: Senior Thesis I  
GWDA 420: Senior Thesis II

**South Carolina State University – Undergraduate & Upper-Level Undergraduate**

FMMB 103 A: Field Internship in Family and Consumer Sciences  
FMMB 202 A: The Fashion Consumer  
FMMB 303: Apparel Construction & Fit  
Restaurant/Apparel Store Entrepreneurship

**Savannah College of Art and Design – Undergraduate & Graduate**

FASH 215-Apparel Development 1: Introduction to Draping (Teacher's Assistant)  
FASH 317: CAD Pattern Making (Student Teacher)

**HanesBrands, Inc. International Training**

Domestic/International Technical Design Practices (Hung Yên, Vietnam)  
Product Development Processes (Hung Yên, Vietnam)  
Pattern Development (Rueil Malmaison, France)  
Target Costing (Hung Yên, Vietnam)

## PROFESSIONAL LICENSES & CERTIFICATIONS

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<b>2025-03</b>	Social, Behavioral and Educational Research Good Clinical Practices, CITI Program (Credential ID: 62872167)
<b>2025-01</b>	Human Subject Research, CITI Program (Credential ID: 62872166)
<b>2024-12</b>	CITI Responsible Conduct of Research (NC State University), CITI Program (Credential ID: 62872163)
<b>2023-03</b>	Becoming the Manager that Your Team Wants (Linkedin ID: AbCLQX4IrefjrTpJwpYbVCmVMVYU)
<b>2023-03</b>	Product Management: Building Project Roadmaps (Linkedin ID: AbPmV7eXl_3mbKtQ-5E3ttEAxrBg)
<b>2023-03</b>	Completion in VStitcher 301, Browzwear (Credential ID zn7cyg6g3pvd)
<b>2023-01</b>	Completion in VStitcher 201, Browzwear (Credential ID 4cjyicpm45gt)
<b>2023-01</b>	Completion in VStitcher 101, Browzwear (Credential ID 2dm9htwpqj8p)

## PROFESSIONAL AFFILIATIONS

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American Association of Textile Chemists and Colorists (AATCC) - present (member)  
International Textile and Apparel Association 2023- present (member)

Delta Sigma Theta Sorority, Inc. 2008 - present (lifetime member, Burlington Alumni Chapter Arts & Letters Chair)

Delta Kappa Phi Honor Textile Fraternity: 2007-present (lifetime member)

HanesBrands Inc. African American Business Resource Group: 2020-2023 (member)

African American Textile Society: 2009 (president)

African American Textile Society: 2006-2007 (Tompkins Textile Student Representative)