

# KELSIE N. DOTY, Ph.D.

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Department of Interior Design and Fashion Studies  
Kansas State University

## Education

**Ph.D. Cornell University, 2016-2020**

Committee Chair: Denise Green

Minor Fields: Anthropology & Performing and Media Arts

Minor Committee Members: Sofia Villenas & Dehanza Rogers

Dissertation Title: Natural Dye Use in the United States by Individuals, Communities, and Industries

**M.S. Kansas State University, 2013- 2015**

Apparel and Textiles (Design Emphasis)

Major Professor: Sherry Haar

Thesis Title: Comparison of Aluminum Mordanted and Nonmordanted Wool Yarns Naturally Dyed with Kansas Black Walnut, Osage Orange, and Eastern Redcedar Sawdust

**B.S. Kansas State University, 2010-2013**

Apparel and Textiles (Apparel Design Specialization)

## Experience

**Instructor**

**August 2019-Present**

Kansas State University, Department of Interior Design and Fashion Studies, College of Health and Human Sciences

Courses: Computer Technologies for Merchandising, Fashion Aesthetics, History of Fashion, Soft Goods Evaluation, and Textiles

**Instructor**

**July- August 2019**

Cornell University, Department of Fiber Science & Apparel Design, College of Human Ecology

Courses: Fashion Design and Visual Thinking

**Graduate Research Assistant**

**August 2016- May 2019**

Cornell University, Department of Fiber Science & Apparel Design, College of Human Ecology

Principle Investigator: Denise Green

**Instructor****July- August 2018**

Cornell University, Department of Fiber Science & Apparel Design, College of Human Ecology  
Course: Fashion Design and Visual Thinking

**Instructor****August 2015- May 2016**

Kansas State University, Department of Apparel, Textiles, & Interior Design, College of Human Ecology  
Courses: Apparel Pre-Production Processes, Apparel Pattern Development I, Apparel Production II,  
Computer-Aided Design of Apparel, Study Tour to New York City

**Graduate Teaching Assistant****August 2013- August 2015**

Kansas State University, Department of Apparel, Textiles, & Interior Design, College of Human Ecology  
Courses: Apparel Pre-Production Processes, Apparel Pattern Development I, Apparel Pattern Development II, Aesthetics of Apparel and Textiles, Apparel and Textile Industry, Dress and Human Behavior

**Graduate Research Assistant****January 2014- May 2014**

Kansas State University, Department of Apparel, Textiles, & Interior Design, College of Human Ecology  
Principle Investigator: Minyoung Suh

Research Project: Breast volume evaluation using 3D body scanner and image analysis tool.

Responsibilities: Data collection using a TC2 NX16 body scanner and Novel pressure sensors, conducting testing procedures, scheduling and meeting with participants, and processing data using Rapidform XOR® software.

**Undergraduate Teaching Assistant****August 2012- May 2013**

Kansas State University, Department of Apparel, Textiles, & Interior Design

Courses: Apparel Pre-Production Processes, Apparel Pattern Development I, Apparel Pattern Development II, Aesthetics of Apparel and Textile

**Undergraduate Research Assistant****June 2011- August 2013**

Kansas State University, Department of Apparel, Textiles, & Interior Design, College of Human Ecology  
Principle Investigator: Dr. Sherry Haar

Research Projects: Effects of post-treatments on colorfastness of pounded plant prints.

**ATID Student Ambassador****August 2010- August 2015**

Department of Apparel, Textiles, and Interior Design

## Publications

**Doty, K.**, Green, D. N., & Rogers, D. (2020). #Naturaldye. *Fashion Studies*. 3. <https://doi.org/10.38055/FS030107>

Reddy-Best, K., Green, D.N., & **Doty, K.** (2020). Fashioned bodies in roller derby league logos: An intersectional analysis of race, gender, body size, and aesthetics. 76(1). *Clothing and Textile Research Journal*. <https://doi.org/10.1177/0887302X20930086>

Green, D. N., Kaiser, S. B., **Doty, K.**, & Streck, K. (2019). Both sides now: Articulating textiles and fashioned bodies in the works of Joni Mitchell, 1968 – 1976. *Clothing and Textile Research Journal*. 37(3), 171-186.

**Doty, K.**, Haar, S., & Kim, J. (2016). Black walnut, osage orange and eastern redcedar sawmill waste as natural dyes: Effect of aluminum mordant on color parameters. *Fashion and Textiles Journal*. 3(1), 22. <https://link.springer.com/article/10.1186/s40691-016-0074-9>

**Doty, K.**, & Haar, S. (2013). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. *Undergraduate Research Journal of the Human Sciences*, 12. <http://www.kon.org/urc/v12/doty.html>

## Juried Creative Scholarship

**Doty, K.** (Green, D. N. faculty mentor). *What's Left Over*. Garment design naturally dyed with food waste from Cornell dining, textile design, and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, October. 26-29, 2019, Las Vegas, NV. Professional Member Jury: 40% accepted.

**Doty, K.**, & Denham, A. (Green, D. N. faculty mentor). *Converging Threads*. Garment design from recycled textiles, textile design, garment design and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, October. 26-29, 2019, Las Vegas, NV. Professional Member Jury: 40% accepted.

**Doty, K.** (Green, D. N. faculty mentor). *Gratitude*. Garment design naturally dyed with food waste from Cornell dining, textile design, and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 6-9, 2018, Cleveland, OH. Professional Member Jury: 34% accepted.
- Winner of the 2018 International Textile and Apparel Association graduate student ESRAP award for sustainable design.

**Doty, K.** (Shin, J. faculty mentor). *Bonded*. Recycled textile, textile design, garment design and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 6-9, 2018, Cleveland, OH. Professional Member Jury: 34% accepted.

**Doty, K.** #Naturaldye. Seven minute documentary film accepted for screening:

- Textile Society of America's Biennial Conference Film Festival, Sep. 18-25, 2018, Vancouver, British Columbia, Canada
- Available at: <https://vimeo.com/247054322>

**Doty, K.** (Green, D. N. faculty mentor). *Strata*. Recycled textile, textile design, garment design and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 14-18, 2017, St. Petersburg, FL. Professional Member Jury: 38% accepted.

**Doty, K.** (Green, D. N. faculty mentor). *Life After Death*. Recycled textile, textile design, garment design and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 14-18, 2017, St. Petersburg, FL. Professional Member Jury: 38% accepted.

**Doty, K.** (Haar, S. faculty mentor). *Catalpa Leaves*. Naturally dyed, handwoven and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 9-13, 2015, Santa Fe, NM. Professional Member Jury: 37.5% accepted.
- ATID Showcase of Excellence, Live Exhibit. April 16th, 2015, Kansas State University, Manhattan, KS. Awarded: 1st in the Upperclassmen Category with prizes worth \$500.

**Doty, K.** (Haar, S. faculty mentor). *Sunrise in the Orchard*. Naturally dyed, handwoven and sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 9-13, 2015, Santa Fe, NM. Professional Member Jury: 37.5% accepted.
- ATID Showcase of Excellence, Live Exhibit. April 16th, 2015, Kansas State University, Manhattan, KS.

**Doty, K.** (Haar, S. faculty mentor). *Apple*. Naturally dyed, handwoven and sustainable fashion accepted for exhibit:

- ATID Showcase of Excellence, Live Exhibit. April 16th, 2015, Kansas State University, Manhattan, KS.

**Doty, K.** (Haar, S. faculty mentor). *First Snow on Barren Branches*. Handwoven sustainable fashion accepted for exhibit:

- International Textile and Apparel Association Design Exhibition, Nov. 12-16, 2014, Charlotte, NC. Professional Member Jury: 43% accepted.
- ATID Showcase of Excellence, Live Exhibit. May 1st, 2014, Kansas State University, Manhattan, KS. Awarded: 1st in the Cotton Category, sponsored by Plains Cotton Cooperative Association with prizes worth \$500

**Doty, K.** (Haar, S. faculty mentor). *Hawaiian Upcycled Shorts and Bandeau*. Sustainable fashion accepted for exhibition:

- Redefining, Redesigning Fashion. Jan 19- May 26, 2013, University of Minnesota College of Design, St. Paul, MN. Exhibition Curators: Marilyn Delong, Barbara Helnemann, Kathy Relley.
- International Textile and Apparel Association Design Exhibition, Nov. 14-17, 2012, Honolulu, HI. Professional Member Jury: 37% accepted.

**Doty, K.** (Haar, S. faculty mentor). *Hawaiian Upcycled Halter Dress*. Sustainable fashion accepted for exhibition:

- International Textile and Apparel Association Design Exhibition, Nov. 14-17, 2012, Honolulu, HI. Professional Member Jury: 37% accepted.

**Doty, K.** (Haar, S. faculty mentor). *Upcycled Racer-Back Dress*. Sustainable fashion accepted for exhibition:

- Redefining, Redesigning Fashion. Jan 19- May 26, 2013, University of Minnesota College of Design, St. Paul, MN. Exhibition Curators: Marilyn Delong, Barbara Helnemann, Kathy Relley.
- ATID Showcase of Excellence, Live Exhibit. May 1st, 2014, Kansas State University, Manhattan, KS  
Awarded: 2nd in the Dick Rees category with prizes worth \$200

**Doty, K.** (Burdett, J. faculty mentor). *Women's Western Denim*. Design exhibited:

- Denim Runway Design Contest. December, 2011. Kansas State University Awarded: 3rd in Women's Fashion Jeans, sponsored by Plains Cotton Cooperative Association

**Doty, K.** (Burdett, J. faculty mentor). *Upcycled Denim Backpack*. Design exhibited:

- Denim Runway Design Contest. December, 2011. Kansas State University Awarded: 3rd in the Casual Category, sponsored by Plains Cotton Cooperative Association

## Juried Conference Presentations

Presenter(s) indicated with \* when all authors listed did not present.

**Doty, K.\*** & Green, D. (2020). Meaning Infused into Fiber: Exploring Motivations of Natural Dyers. Presentation at the annual International Textile and Apparel Association conference, Online Conference.

Reddy-Best, K., **Doty, K.**, & Green, D. (2019). Fashioned Bodies in Roller Derby League Logos: An Intersectional Analysis of Race, Gender, Body Size, and Aesthetics. Oral presentation at the annual International Textile and Apparel Association conference, Las Vegas, NV

Green, D., Kaiser, S., Streck, K., & **Doty, K.** (2018). "I knew the mechanics of hip": Fashioning bodies in the works of Joni Mitchell, 1968-1979. Oral presentation at the annual International Textile and Apparel Association conference, Cleveland, OH

Haar, S.\*, Patwary, S., **Doty, K.**, & Green, D. (2018). Natural dyes for volume dyeing: Colorfastness to laundering. Poster presentation at the annual International Textile and Apparel Association conference, Cleveland, OH

Lewis, T.\*, Trejo, H., **Doty, K.**, Baclig, M., & Duffy, S. (2018). Micro-manufacturing for a circular fashion economy: Exploring ideas for reclaimed apparel. Poster presentation at the annual International Textile and Apparel Association conference, Cleveland, OH

Phoenix, K.\*, **Doty, K.**, & Ashdown, S. (2018). Waffle structure display mannequins produced using Rhino software. Oral presentation at the annual International Textile and Apparel Association conference, Cleveland, OH

**Doty, K.\***, Li, M., Black, E., Chandler, A., Guria, S., Park, H., & Green, D. (2017). Preliminary investigation of Bikram yoga apparel for improved mobility and comfort. Poster presentation at the annual International Textile and Apparel Association conference, St. Petersburg, FL

Haar, S.\*, & **Doty, K.** (2016). Pounded plants on cotton: Methods, outcomes, and colorfastness of post-treatments. Paper presentation at the 10th International Shibori Symposium, Oaxaca, MX.

**Doty, K.\***, & Haar, S. (2014). Exploration of color from black walnut, osage orange, and eastern red cedar sawdust on cotton yarn for design of a hand woven textile and apparel product. Poster presentation at the annual International Textile and Apparel Association conference, Charlotte, NC

Suh, M.\* & **Doty, K.** (2014). A new method for accurate breast volume evaluation: Using 3D body scanner and image analysis tools. Paper presentation at the annual International Textile and Apparel Association conference, Charlotte, NC

**Doty, K.\***, & Haar, S. (2014). Exploration of color from black walnut, osage orange, and eastern red cedar sawdust on cotton yarn for design of a hand woven textile and apparel product. Poster presentation at Research and the State, Kansas State University, Manhattan, KS

**Doty, K.\*** & Haar, S. (2014). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. Oral presentation at the annual United Associations Conference, Wichita, KS

**Doty, K.\*** & Haar, S. (2013). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. Oral presentation at the annual American Association of Family Consumer Sciences, Houston , TX

Awarded: Coordinating Council of Honor Societies Undergraduate Student Research Paper Award

**Doty, K.\*** & Haar, S. (2012). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. Oral presentation at the annual International Textile and Apparel Association conference, Honolulu, HI.

**Doty, K.\*** & Haar, S. (2011). Exploration of natural dyes from osage orange (*Maclura pomifera*), walnut (*Juglans nigra*), and eastern redcedar (*Juniperus virginiana*) bark on wool and alpaca yarns. Oral presentation at the MKN McNair Heartland Research Conference, Kansas City, KS

## Invited Keynote Speaker

**Doty, K.**, & Haar, S. (2014, February). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. Oral presentation at the annual South Carolina Association of Family Consumer Sciences, Spartanburg, SC

## Contributor and Stylist

Wallace, B., Reeves, S., Reeves, J., & **Doty, K.** (2015, September). Fall fashion forecast: Make way for groovy grunge. *Manhattan Magazine*, 8(3), 10-1

## Invited Lectures, Competitive Presentations, and Workshops

Presenter(s) indicated with \* when all authors listed did not present.

**Doty, K.** (2020, November 13th). Developing online portfolios. Invited lecture for FASH 445 Professional Development at Kansas State University.

**Doty, K.\*** & Haar, S. (2019, October 21st). Natural dyes in fashion. Invited lecture for Local Fashion Global Impact at Kansas State University.

**Doty, K.** (2018, October 17th). Textile waste, recovery, and upcycling. Invited lecture in DSOC 2030 Global Garbage at Cornell University.

**Doty, K.** (2018, June 16th). Natural dye workshop. Workshop facilitator at Cornell Botanic Gardens, Cornell University.

**Doty, K.** (2017, August 19th-20th). Natural dye workshop. Workshop facilitator at Wing and a Prayer Farm, Shaftsbury, VT.

**Doty, K.\***, Haar, S., & Kim, J. (2016, November 6th). Black walnut, osage orange and eastern redcedar sawmill waste as natural dyes: Effect of aluminum mordant on color parameters. Invited lecture at Cornell University.

**Doty, K.\*** & Haar, S. (2014). Exploration of color from black walnut, osage orange, and eastern red cedar sawdust on cotton yarn for design of a hand woven textile and apparel product. Poster presentation at the Kansas Research Forum at Kansas State University

- Awarded: 3rd in division for poster presentation.

**Doty, K.\*** & Haar, S. (2013). Comparison of aluminum mordanted and nonmordanted wool and cotton dyed with walnut. Oral presentation for the Kansas Research Forum at Kansas State University, Manhattan, KS

- Awarded: 3rd for Undergraduate Research Presentation

## Professional Memberships

- International Textile and Apparel Association, Student Member: 2011-2020
- Textile Society of America, Student Member: 2013-2018
- Handweaver's Guild of America, Student Member: 2013-2014

## Grants, Scholarships, and Awards

- Outstanding Faculty Award, Mortar Board Senior Honor Society, 2020
- International Textile and Apparel Association Student Best Paper, Second Place, 2020: \$500
- United States Department of Agriculture, North Central Region Sustainable Agriculture Research & Education Grant Program, 2019 (Hiller Connell, K. Y., LeHew, M. L. A., Crane, A., **Doty, K**): \$148,715.
- Joan Laughlin Fellowship for Outstanding Continuing Doctoral Student from the International Textile and Apparel Association, 2019: \$1,000
- Herbert and Lillian B. Powell Fellowship, 2019
- Mary Fund Purchase Fellowship, 2019
- Flemmie Kittrell Fellowship, 2019
- Cornell Graduate School Research Travel Grant, 2019: \$2,000
- Cornell Graduate Student Engaged Grant, 2019: \$15,000.
- Graduate Student ESRAP award for sustainable design from the International Textile and Apparel Association, 2018: \$1,000
- Cornell Council for the Arts, 2018: \$1,000
- Student Sustainability Research Grant, 2018: \$2,000
- Cornell Graduate School Travel Grant, 2018: \$235
- Cornell Council for the Arts, 2017: \$1,000
- Cornell Graduate School Travel Grant, 2017: \$365
- Sara Douglas Fellowship for Professional Promise from the International Textile and Apparel Association, 2014: \$500
- Handweavers Guild Of America's Convergence Conference Student Assistantship, 2014

- Eileen C. Maddex Fellowship from Kappa Omicron Nu, 2014: \$2,000
- Coordinating Council of Honor Societies Undergraduate Student Research Paper Award, 2013: \$700
- Outstanding Senior in Apparel Textile Design, College of Human Ecology, 2013
- Ronald E. McNair Scholars Program Stipend, 2011: \$2,600
- Rose D. Garzio Scholarship, 2011
- Full Scholarship for Vocal Performance to Butler Community College 2007-2009
- Kansas State University Dean's Honor Roll, 3.75 GPA, Fall 2010, Spring 2011, Fall 2012, Spring 2013
- Butler Community College President's Honor Roll, 3.75 GPA, Fall 2008-Spring 2009

## Honors Program Memberships & Student Organizations

- Kappa Omicron Nu
- Ronald E. McNair Scholars
- Apparel and Textile Graduate Student Organization, Kansas State University  
Vice President: 2013-2015

## Technology Skills

DESIGN SOFTWARE	VIDEO PRODUCTION	APPAREL AND TEXTILES	DATA
Adobe Photoshop	Adobe Premier Pro	Industrial Sewing Equipment	Qualtics
Adobe Illustrator	Adobe After Effects	Hand Weaving	Nvivo
Adobe InDesign	Final Cut Pro	Yarn Spinning	
	IMovie	Machine and Hand Knitting	
	Cannon Cinema Cameras	Natural Dyes	