

KELLY COBB, MFA
Associate Professor of Design and Product Innovation
Department of Fashion and Apparel Studies
The University of Delaware, Newark, DE.

Education

2004	MFA, The University of Florida, Gainesville, FL Focus: Sculpture (Textile Architectures) Alumni Fellowship.
1993	BFA The Maryland Institute, College of Art, Baltimore, MD. Major: Fiber and Material Studies

Academic and Research Appointments

2019-Present	<i>Associate Professor</i> , Department of Fashion and Apparel Studies
2020-Present	<i>Faculty Affiliate</i> , Center for Material Culture (CMCS)
2016-Present	<i>Faculty Affiliate</i> , Delaware Environmental Institute (DENIN)
2022-2023	<i>Faculty Fellow</i> , UD Center for Material Culture Studies <i>Material Futures</i> The University of Delaware. Newark, DE.
2021-2022	<i>Faculty Fellow</i> , UD Center for Material Culture Studies- <i>Ecomaterialities</i> The University of Delaware. Newark, DE.
2018	<i>Fulbright Specialist</i> , Tactile + Technical: Innovation Museo Ixchel, Guatemala City, Guatemala. The University of Delaware. Newark, DE.
2012-2019	<i>Assistant Professor-TT</i> , Department of Fashion and Apparel Studies The University of Delaware. Newark, DE.
2008-2012	<i>Instructor</i> , Department of Fashion and Apparel Studies The University of Delaware. Newark, DE.
2006-2008	<i>Instructor</i> , Fiber Department. The Maryland Institute, College of Art, Baltimore, MD.
2006-2008	<i>Instructor</i> , Fashion Department. Drexel University. Philadelphia, PA.
2004-2008	<i>Instructor</i> , Crafts Department. University of The Arts, Philadelphia, PA

Research Interests

Circular Textile Systems · Material Innovation · Waste-Led Design · Applied Material Culture ·
Object-Based Research · Discovery Learning · Interdisciplinary Collaboration · Convergence Research

Patent

SYSTEMS AND METHODS FOR RECYCLING END-OF-USE TEXTILES INTO SECOND GENERATION
TEXTILES. Huantian Cao, **Kelly Cobb**, Hongqing Shen, 2025/1/9, US 18765772. A process for making a
textile from a feedstock comprising a quantity of post-consumer apparel.
Publications in Refereed Journals

Publications

Publications refereed unless noted otherwise. Proceedings papers for juried designs included in Juried
Exhibitions of Creative Scholarship section. (*graduate student, ** undergraduate, PI of research ^)

Gerder, K., **Cobb, K.**, Doty, K., & Griffin, L. (2025). Reclaiming play: The development of a tactile manifesto. *Fashion practice: The journal of design, creative process & the fashion industry*. <https://doi.org/10.1080/17569370.2025.2495564> (Impact factor: 1.3)

CRediT author statement. Cobb: Conceptualization, Methodology, Investigation, Writing – Review & Editing, Funding Acquisition; PI of grant-funded project.

Thomas, K., Brady, J.*, Ludwig, K.*, Yativitskiy, M.*, Clarke-Sather, A. R., Cao, H., & **Cobb, K.**^ (2024). Fundamental challenges and opportunities for textile circularity. *Sustainability*, 16(24), 11117. <https://doi.org/10.3390/su162411117> (Impact factor: 3.3)

CRediT author statement. Cobb: Funding Acquisition, Conceptualization, Methodology, Investigation, Writing – Review & Editing; PI of grant-funded project.

Cao, H., Ludwig, K.*, **Cobb, K.**, Scott, C., Jin, Y., Knight, B.*, Burrichter, M.*, & Shen, H. (2024). Development and evaluation of biodegradable weed control mulch mats from end-of-use cotton waste. *Sustainability*, 16(16), 7083. <https://doi.org/10.3390/su16167083> (Impact factor: 3.3)

CRediT author statement. Cobb: Conceptualization, Methodology, Investigation, Writing – Review & Editing; Co-PI of grant-funded projects.

Gangoda, A*., Krasley, S., & **Cobb, K.** (2023). AI digitalisation and automation of the apparel industry and human workforce skills. *International Journal of Fashion Design, Technology and Education*, 16(3), 319–329. <https://doi.org/10.1080/17543266.2023.2209589> (Impact factor: 1.62 – Scopus)

CRediT author statement. Cobb: Funding Acquisition, Supervision, Project Administration, Writing – Review & Editing.

Cao, H., **Cobb, K.**, Yativitskiy, M.*, Wolfe, M.*, & Shen, H. (2022). Textile and product development from end-of-use cotton apparel: A study to reclaim value from waste. *Sustainability*, 14(14), 8553. <https://doi.org/10.3390/su14148553> (Impact factor: 3.9)

CRediT author statement. Cobb: Conceptualization, Methodology, Investigation, Writing – Review & Editing.

Radin, M.*, & **Cobb, K.** (2022). Designing eco-effective products: A seeded textile approach. *Journal of Textile Design Research and Practice*, 10(2), 195–213. <https://doi.org/10.1080/20511787.2022.2100092> (Impact factor: N/A)

CRediT author statement. Cobb: Supervision, Project Administration, Writing – Review & Editing.

Freeman, C., Orzada, B., **Cobb, K.**, & Talukder, A. (2022). Being part of a winning team: A problem-based approach to teach sustainability adoption in collegiate athletic uniforms. *International journal of fashion design, technology and education*, 16(1), 14–21. <https://doi.org/10.1080/17543266.2022.2089240> (Impact factor: 1.62 – Scopus)

CRediT author statement. Cobb: Data Visualization, Writing – Review & Editing.

Weber, M.*, Clarke-Sather, A., **Cobb, K.**, & Naylor, L. (2021). Proof of concept: Simple conductive thread stitch sensor to measure the duration of kangaroo care. *Journal of Textile Engineering & Fashion*

Technology, 7(1), 16–22. <https://doi.org/10.15406/jteft.2021.07.00263> (Impact factor: 2.5)

CRedit author statement. Cobb: Conceptualization, Apparel Design, Investigation, Writing – Review & Editing.

Li, B.*, **Cobb, K.**, & Cao, H. (2020). Comparing physical to virtual: Fit and appearance of multi-layered cultural garments. *Journal of Textile Engineering and Fashion Technology*, 6(2), 49–59. <https://doi.org/10.15406/jteft.2020.06.00226> (Impact factor: 2.5)

CRedit author statement. Cobb: Supervision, Project Administration, Writing – Review & Editing.

Cobb, K., & Clarke-Sather, A. R. (2020). Empathetic iteration of a SnuggleTime garment system for kangaroo care of mothers and babies in the neonatal intensive care unit. *Journal of Textile and Apparel, Technology and Management*, Spring, 3–9. (Impact factor: 0.143) <https://jtatm.textiles.ncsu.edu/index.php/JTATM/issue/view/88>

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, Apparel/Textile Design, Writing – Review & Editing.

Silverman, J.*, Cao, H., & **Cobb, K.** (2019). Development of mushroom mycelium composites for footwear products. *Clothing and Textiles Research Journal*, 38(2), 119–133. <https://doi.org/10.1177/0887302X19890006> (Impact factor: 1.9)

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, Writing – Review & Editing.

Cobb, K., Orzada, B., & Lopez-Gydosh, D. (2019). History is always in fashion: The practice of artifact-based dress history in the academic collection. *Journal of Textile Design Research and Practice*, 8(1), 4–23. <https://doi.org/10.1080/20511787.2019.1580435> (Impact factor: N/A)

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, Apparel/Textile Design, Writing – Review & Editing, Project Administration.

Cobb, K., & Lapolla, K. (2019). Wearing well-being: Co-creative and textile-based approaches to enhancing palliative care. *Journal of Textile Design Research and Practice*, 8(3), 313–334. <https://doi.org/10.1080/20511787.2019.1633898> (Impact factor: N/A)

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, Apparel/Textile Design, Writing – Review & Editing, Project Administration

Clarke-Sather, A., & **Cobb, K.** (2018). Onshoring fashion: Measuring worker sustainability benefits and impacts of sourcing globally versus locally for apparel. *Journal of Cleaner Production*, 198, 643–656. <https://doi.org/10.1016/j.jclepro.2018.09.073> (Impact factor 11.1)

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, writing, review and edit.

Cao, H., Dickson, M. A., **Cobb, K.**, Carper, M., Scudder, C., & Wong, C. (2014). Applying sustainability performance measurement tool in designing and developing automotive employee uniforms.

International Journal of Fashion Design, Technology and Education, *8*(2), 78–86.
<https://doi.org/10.1080/17543266.2014.992051> (Impact factor 1.62 – Scopus)

CRedit author statement. Cobb: Investigation, writing, review and edit.

Orzada, B. T., & **Cobb, K.** (2011). Ethical fashion project: Partnering with industry. **International Journal of Fashion Design, Technology and Education**, *4*(3), 173–185.
<https://doi.org/10.1080/17543266.2011.606233> (Impact factor 1.62 – Scopus)

CRedit author statement. Cobb: Conceptualization, Methodology, Investigation, writing, review and edit, project administration.

Articles under review

Cobb, K.[^], Cao, H., Li, B., Davelaar, E. B.^{*}, Tortorice, C.^{*}, Sharek, A. S.^{*}, Dubriel, M.^{**}, & Scarry, M.^{**} (n.d.). Optimising the apparel product development process to reduce solid waste in apparel industry: Development of a novel CAD sustainability tool. *International Journal of Fashion Design, Technology and Education*. (Revision submitted December 15, 2024). (Impact factor: 1.62 – Scopus)

CRedit author statement. Cobb: Conceptualization, Supervision, Project administration, Writing – review and editing.

Articles in Progress

Ridgeway, J. L., **Cobb, K.**, & Parsons, J. (data collection). The braided model approach to creative design practice: A Framework for collaboration.

Beckett, A.^{*}, **Cobb, K.** (editing). Field to Virtual Fashion: Development and Initial Testing of a Virtual Textile Foundations SIMLab.

Siqueria, A.^{*}, **Cobb, K.** (editing). Testing of a Sustainable Material Selection Model: Embedding Secondary Materials into the Apparel Product Development Classroom.

Juried Exhibitions of Creative Scholarship

Includes design title, brief description, exhibitions, when available proceedings link, jury information, awards. (*graduate student, ** undergraduate, PI of research ^) ; ITAA = International Textile and Apparel Association. All exhibitions at the international juried level unless noted otherwise.(+indicates catalog or proceedings published)

Ridgeway, J. L. Parsons, J., **Cobb, K.** (2025) “Dis-Illusion.” Submitted to International Textile and Apparel Association Annual Conference. Submitted.

Orzada, B., **Cobb, K.**, Lopez-Gydosh, D. “Path of the Jaguar: Channeling Bonnie Cashin, A Sustainable Scenario.” Accepted. (2025) June. Costume Society of America, Los Angeles, Ca.

+**Cobb, K.**, Ridgeway, J. L. & Parsons, J., (2024) “La Vie en Roses: Together and Apart, an (Un)braided Model Approach.” *International Textile and Apparel Association Annual Conference Proceedings*, 81(1). doi: <https://doi.org/10.31274/itaa.18919>. Acceptance rate 50.7%Submissions: 75, Accepted: 38

+Ridgeway, J., & **Cobb, K.** (2022, November). Two Sides to Every Story: A Reversible Kangaroo Care Garment Designed for a Mother and Infant’s Shared Lived Experience in the NICU. International Textile and Apparel Association Design Exhibition. Denver, CO. Professional Category. Submissions: 61,

Accepted: 24 International. ATEXINC Award for Excellence in Marketable Textile Design. 61 designs were reviewed with 24 designs accepted (39.3% acceptance rate)

Retrieval: https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2022_design_catalog_v2.pdf

+Cobb, K., Lopez-Gydosh, D. J., & Orzada, B. (2019, October). Neo-heritage ensemble #2: Beauty is in the eye of the beholder. International Textile and Apparel Association Design Exhibition. Las Vegas, NV. Professional Category. 51% accepted of 106 professional category entries. International.

Retrieval: https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2019_catalog_with_award-9ac62409.pdf

+Cobb, K., & Eads, T. (2019, October). W=FT # 001: Tufted. Discovery research and development of post-market textile products International Textile and Apparel Association Design Exhibition. Las Vegas, Nevada. Professional Category. 51% accepted of 106 professional category entries. International.

Retrieval: https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2019_catalog_with_award-9ac62409.pdf

+Cobb, K., Lopez-Gydosh, D. J., & Orzada, B. T. Neo-heritage ensemble #1.

- (2018, November). International Textile and Apparel Association Design Exhibition. Cleveland, OH. Professional Category. Acceptance rate 49%. Submissions: 122, Accepted: 60. International. Judges: Patty Edmonson, Karin Sterner, Marie Teike, and Mary Ruppert-Stroesc
- (2018, May). Society of America Design Innovation Showcase Williamsburg, VA: wool, polyester/lycra.

+Cobb, K., Kallal, J., Orzada, B., Hall, M., Roelse, K., & Gorea, A. *Cloud eater*.

- (2016, May). Contemporary and Wearable Art of Shibori and Ikat [Exhibition]. Oaxaca, Mexico. Acceptance rate 90%. International.
- (2014, November). *Cloud eater*. International Textile and Apparel Association Design Exhibition, Target Market Live Exhibition. Charlotte, NC. Acceptance rate 43%. Professional Category. International. ESRAB Award for Sustainable Design.

+Cobb, K. (2015, November). *Saori ensemble*. International Textile and Apparel Association Design Exhibition, Santa Fe, NM. Acceptance rate 41.7% Professional Category. International.

Cobb, K. (2013, September). *Fold*. Beyond the selvage: A history of screen-printing. [Exhibition] Philadelphia, PA: The Fabric Workshop and Museum. Acceptance rate: 6.5%. National.

+Cobb, K. (2012, September). *Practical religion: Affirmation, agency and survival through dress: ITUTU a'ô ògúnwà factory*. Structure and Surface, Mural Arts Program. Quality of Life in Philadelphia [Exhibition] Philadelphia, PA. Philadelphia Art Alliance. Acceptance rate 19.5% Regional.

+Cobb, K. (2012, November). *Balenciaga Kapakahi*, Balenciaga in Hawaii Design Competition sponsored by Paris American Academy. International Textile and Apparel Association Conference. [Exhibition] Honolulu, HI. November 2012. Acceptance rate 34%. Professional Category. International.

+Cobb, K. (2011, April). *Batik with QR code*, American Batik Competition. [Exhibition] Jakarta, Indonesia: Textile Museum. Prize Winner of International Competition.

+Cobb, K. (2011, November). *Wear-with-all coat*. International Textiles and Apparel Association meeting. Live Gallery. Philadelphia, PA. Acceptance rate 39%. International.

+Cobb, K. (2011, November). *Bosu collar*. Animal Fibers: Art Informs Shibori. International Shibori Symposium Hong Kong Design Institute. [Exhibition] Hong Kong, China. International.

Cobb, K. (2011, November). *Batik with QR code*. American Batik Competition, Asia Society. [Exhibition] San Francisco, CA. Grand Prize Winner of International Competition. International.

***Cobb, K.** (2010, October). *100-mile suit*. Ethics and Aesthetics. Pratt Manhattan Gallery. [Exhibition] New York, NY. National.

Invited Design Exhibitions (*indicates catalog or proceedings published)

Stannard, C., Kane, L., & **Cobb, K.** (2023, April). Applying seven generation thinking to apparel through a waste-led design process. Fashion and The Circular Economy Symposium, Colorado State University, Fort Collins, CO.

Cobb, K. (2015, April). *SAORI garment*. SAORI Weaving x Fashion Design. Tenri Cultural Institute. [Exhibition] New York. National.

Cobb, K. (2014, September). *Polka Dot*. Product Lines: art & function delineated. Stephens University Gallery. [Exhibition] Baltimore, MD. Regional.

Cobb, K., Roelse, K., Lutz, A., & Botting, B. (2013, October). *Fashioners*. Design Philadelphia 2013. Fashioners, Mode Moderne Gallery. [Exhibition] Philadelphia, PA.(R)

Cobb, K. (2013, March). *Impart*. EARTH PERFECT? Nature, Utopia, and the Garden Symposium and Exhibition. University of Delaware. Newark, DE. Regional.

Cobb, K. (2010, October). *Dust textiles*. Small Wonder. John Erikson Museum of Art: Next Chapter and Golden Thread Gallery. Belfast, Northern Ireland, U.K: International.

Student Creative Scholarship Mentoring (*indicates catalog or proceedings published)

**Student collaboration- ITAA design scholars submit proposals to present evidence of teaching excellence through exhibiting the original design work of their mentees at the juried exhibition. All student design submissions are completed under a design mentor. The design mentor submits the student design(s) for juried review*

+Yatvitskiy, M., Abayode, D., **Cobb, K.**, Thomas, K., Haddad, N., & Haddad, J. (2024, November). Reviving Fashion: Weaving Life Back into Discarded Textile Waste. International Textile and Apparel Association. Long Beach, CA. International. 21 designs out of 54 accepted. 47% Acceptance rate. Retrievable: <https://www.iastatedigitalpress.com/itaa/article/id/18920/>

Cobb, Kelly: Design Mentor/Advisor *Advised textile and materials studies*

+Woodruff, S.**, Roelse, K., & **Cobb, K.** (2022, November). *Rubigo*. International Textile and Apparel Association. Denver, CO. International. 122 designs were reviewed with 45 designs accepted (37% acceptance rate).

Retrieval: https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2022_design_catalog_v2.pdf

Cobb, Kelly: Design Mentor/Advisor *Advised textile and materials studies*.

+Yatvitskiy**, M., Roelse, K., **Cobb, K.**, Cao, H., & Gorea, A. (2022, November). *Pandemonium*. International Textile and Apparel Association. Denver, CO. International.

122 designs were reviewed with 45 designs accepted (37% acceptance rate)

Cobb, Kelly: Design Mentor/Advisor *Advised textile and materials studies*

ATEXINC Award. Retrieval: doi: <https://doi.org/10.31274/itaa.18919>

+Zhang, H.*, & **Cobb, K.** (2019, October 25-29). Design and development of a visual and tactile garment therapy for children with Autism. International Textile and Apparel Association 2019 Annual Conference, Las Vegas, NV. 39% acceptance rate out of 109 pieces.

Cobb, Kelly: Design Mentor/Advisor *Advised textile and material*

studies.Retrievable:[https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2019_catalog_with_award-9ac62409.](https://irp.cdn-website.com/4f5a4df1/files/uploaded/itaa_2019_catalog_with_award-9ac62409.pdf)

[pdf](#) **French European Inc. Innovative Design Award**

+Tang, W.** , Silverman, J.* , **Cobb, K.**, & Cao, H. (2018, November). Mycelium Afoot: Fashioning Sustainable Footwear. International Textile and Apparel Association. Acceptance Rate: 23%. Cleveland, OH. Design Mentor/Advisor *Advised textile and materials studies and fabric development*. **ESRAB Award for Sustainable Design.**

Retrievable: <https://www.iastatedigitalpress.com/itaa/article/id/1296/>

*Davelaar, E.,Tortorice, C., & **Cobb, K.** (2016, November). *Bonnie and Bye. A braided approach to Design.* International Textile and Apparel Association Design Exhibition. Vancouver, Canada.

Acceptance rate 39%. Graduate Category. International.

Editor Reviewed Journals Articles

Cobb, K. (2012). Batik diplomacy: Winning tech-style design enriches Indo-US cultural exchange.

Surface Design Association Journal. Retrieved from

<https://www surfacedesign.org/how-a-tech-style-batik-design-won-me-a-textile-tour-of-java/>

Cobb, K., & Miller, S. (2010). Art museum dust collection: Wearing away museum grounds, dust bunnies, white lies and new measures. *Textile: The Journal of Cloth and Culture*, 8 (3).

doi:10.2752/175183510X12868938341448.

Editor reviewed Book Chapters

Savage, L*., **Cobb, K.**, & Andrews, D. (Ed.). (2024). *Shopping Reimagined* University of Delaware Press.

(under review) CRediT author statement. Savage: Conceptualization, Methodology, Data curation, Writing- Original draft preparation. Cobb: Supervision, reviewing.

Cobb, K. & Orzada, B. (2015). Facets of indigo: Combining traditional dye methods with state-of-the-art digital print technology, a sustainable design case. In S.S. Muthu & M. Gardetti (Eds.), *Green Fashion*. (25-42). Singapore: Springer-Verlag Singapur.

Cobb, K. (2015). 100-mile suit, (Ch.5: How we conduct design research) in Rodgers and Yee (Eds.), *The Routledge Companion to Design Research*. (504-515). Abingdon, Oxon, UK: Routledge, Taylor and Francis Group Publishers.

Cobb, K. (2013). Trash fashion development for women (as economic incentive). In M. Stange, C. Oyster, & J. Sloan (Eds.), The multimedia encyclopedia of women in today's world. (2nd ed., pp.

1961-1965). Thousand Oaks, CA: SAGE Publications, Inc.

doi:<http://dx.doi.org/10.4135/9781452270388.n425>.

Technical Reports

Cobb, K. (2025, May). *Final report: Global Thrift – Sustainable business model innovation case study development and data collection (FASH 417: Lifecycle Approach to Apparel)*. University of Delaware Career Center, Faculty & Staff Career Innovation Grant (FSCIG).

Role: Principal Investigator. Amount: \$2,100. Reporting period: 2025.

Cobb, K. (2024, May). *Final report: Sustainable business model innovation case study development and data collection (FASH 417: Lifecycle Approach to Apparel)*. University of Delaware Career Center, Faculty & Staff Career Innovation Grant (FSCIG).

Role: Principal Investigator. Amount: \$2,100. Reporting period: 2024.

Cobb, K. (2024, April). *Annual project report: Sustainable materials for global challenges – Recycled textile and apparel manufacturing ecosystems (RETAME)*. National Science Foundation, Convergence Accelerator Program (Award No. 2229842).

Role: Principal Investigator. Amount: \$745,310. Reporting period: Year 2 (2023–2024, NCE through 2024).

Cobb, K. (2023, April). *Annual project report: Sustainable materials for global challenges – Recycled textile and apparel manufacturing ecosystems (RETAME)*. National Science Foundation, Convergence Accelerator Program (Award No. 2229842).

Role: Principal Investigator. Amount: \$745,310. Reporting period: Year 1 (2022–2023).

Cobb, K., Lopez-Gydosh, D., & Orzada, B. (2022, December). *Final report: Radical Fashion – Digital historical reconstruction of 1920s garments for virtual exhibition*. University of Delaware Artificial Intelligence Center of Excellence.

Role: Principal Investigator. Amount: \$12,000. Reporting period: 2022.

Cobb, K., Guerrón Montero, C., & Lopez-Gydosh, D. (2022, June). *Final report: The Ecology of Materials – Chita as a tangible means to an intangible heritage*. University of Delaware Interdisciplinary Humanities Research Center (IHRC) Collections-Based Course Grant.

Role: Co-Principal Investigator. Amount: \$5,000. Reporting period: 2022.

Cobb, K. (2021, December). *Final report: Cotton Simulation Lab – Learning from field to virtual fashion*. Cotton Incorporated, Student Sponsorship Grant.

Role: Principal Investigator. Amount: \$26,800. Reporting period: 2021.

Cobb, K. (2015). UD Fashion + Goodwill's recycled goods manufacturing initiative (RGMI). *AAFA International Trade Meeting panel: Environmental Committee on End of Life Issues for Clothes and Shoes*. New York, NY. American Apparel And Footwear Association.

Cobb, K., Roelse, K., & Gorea, A. (2015). *Pilot testing a sustainable value chain*. Report submitted to the Southern African Sustainable Textile, & Apparel Cluster.

Selected Writing for Popular Media

Blogger for WornThrough (bi-monthly posting) Sept. 2012-May, 2014. Selected posts include (blog is archived now, links do not work.)

Cobb, K. (2014, June 27). Worn through. On teaching fashion: Teaching and learning. [Blog Entry]. Retrieved from <http://www.wornthrough.com/2014/06/27/on-teaching-fashion-2/>

Cobb, K. (2014, May 23). Worn through. On teaching fashion: Digi-Atelier. [Blog Entry]. Retrieved <http://www.wornthrough.com/2014/05/23/on-teaching-fashion-digi-atelier/>

Cobb, K. (2014, February 12). Worn through. On teaching fashion: Preparing to teach a large class. [Blog Entry]. Retrieved from <http://www.wornthrough.com/2014/02/on-teaching-fashion-preparing-to-teach-a-large-class/>

Cobb, K. (2014, January 24). Worn through. On teaching fashion: Blank canvas. [Blog Entry]. Retrieved from <http://www.wornthrough.com/2014/01/24/on-teaching-fashion-blank-canvas/>

Cobb, K. (2013, December 27). Worn through. On teaching fashion: Shared ethics on internships. [Blog Entry]. Retrieved from <http://www.wornthrough.com/2013/12/27/on-teaching-fashion-eth>

External Grants

\$745,310	National Science Foundation-Convergence Accelerator (2022-2023) (NCE 2023-2024) <u>Project Title:</u> <i>Sustainable Materials for Global Challenges: Recycled Textile and Apparel Manufacturing Ecosystems (RETAME)</i> . Cobb, K. (Principal Investigator), Thomas, K., Clarke-Sather, A., & Cao, H. Funded.
\$67,238	Co-PI. Cotton Incorporated, Cotton Research Grant (2022) <u>Project Title:</u> <i>Development and Evaluation of Agrotextiles from End-of-Use Cotton Waste</i> . Cao, H., Cobb, K. , & Jin, Y. Funded.
\$64,702	CO-PI. Cotton Incorporated Research Grant (2021). <u>Project Title:</u> <i>Reclaim the Value of the End-of-Use Cotton Apparel: Product Development from Cotton Waste</i> . Cao, H., & Cobb, K. Funded.
\$26,800	Cotton Incorporated Student Sponsorship Grant (2021). <u>Project Title:</u> <i>Cotton Simulation Lab: Learning From Field to Virtual Fashion</i> . Cobb, K. Funded.
\$10,000	Bureau of Educational and Cultural Affairs, United States Department of State. J. Fulbright Scholarship, Fulbright Scholarship Specialist. (2018) <u>Project Title:</u> <i>Design Research Collaboration with Ixchel Museum of Indigenous Textiles, Guatemala</i> . Cobb, K. Funded.
\$14,999	U.S. Environmental Protection Agency, P3 Award: A National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet (2017). <u>Project Title:</u> <i>Development of mushroom mycelium based biocomposites for fashion products</i> . Cao, H. (PI, Faculty Advisor), Silverman, J. (co-principal investigator), & Cobb, K. Funded
\$134,546	National Institute for Food and Agriculture, Higher Education - Institution Challenge Grants Program (2016-2019). <u>Project Title:</u> <i>Textile and apparel curriculum development for a sustainable future</i> . Cao, H. (Principal Investigator), Dickson, M.A. (co-principal investigator), Cobb, K. , Carper, M., & Shaffer, B. Funded.
\$14,999	U.S. Environmental Protection Agency, P3 Award: A National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet (2016) <u>Project Title:</u> <i>From Physical To Virtual: Optimizing the Apparel Product Development Process to Reduce Solid Waste in Apparel Production with the use of 3D Models and Maps</i> . Cobb, K. (PI, faculty Advisor), Cao, H., DuBreuil, M., Stellato, M., & Scarry, M.

\$10,083	Cotton Incorporated Student Sponsorship Grant (2013). <u>Project Title:</u> <i>LEUCO STATE: College Fashion Design Innovates Cotton and Indigo by Combining Traditional Dye Methods with State-of-the-Art Digital Print Technology.</i> Cobb, K. , Kallal, J., Orzada, B., Hall, M., Roelse, K., & Gorea, A.
\$34,000	Cotton Incorporated, Cotton Student Sponsorship Grant (2012). <u>Project Title:</u> <i>Cotton Lab: 2012: From the Ground Up. Product Development and Management collaboration.</i> Cobb, K. , Carper, M., & Wyatt, N.
\$50,000	Fisker Automotive in collaboration with The University of Delaware Department of Fashion and Apparel Studies and VF Corporation (2011). <u>Project Title:</u> <i>Uniform Design and Development.</i> Cao, H., Carper, M., Cobb, K. , & Dickson, M.A.
\$37,000	Cotton Incorporated, Cotton Student Sponsorship Grant (2010). <u>Project Title:</u> <i>Cotton Lab: 2010.</i> Cobb, K.

Internal Grants

\$2,100	University of Delaware's Career Center Faculty & Staff Career Innovation Grant (FSCIG) (2025). Global Thrift-Sustainable Business Model Innovation Case Study Development Data Collection (FASH 417: Lifecycle Approach To Apparel). \$2,100.00 Funded.
\$6,000	University of Delaware CAS Go! Grant (2025). <i>Working at a Joyous Thing-Artist Residency support-Wharton Esherick Museum.</i> Cobb, K.
\$2,100	University of Delaware's Career Center Faculty & Staff Career Innovation Grant (FSCIG) (2024). Sustainable Business Model Innovation Case Study Development Data Collection (FASH 417: Lifecycle Approach To Apparel). \$2,100.00 Funded.
\$12,000	University of Delaware's Artificial Intelligence Center of Excellence (2022). <i>Radical Fashion: Digital historical reconstruction of 1920's garments for virtual exhibition.</i> (PI): Cobb, K. , Lopez-Gydosh, D., & Orzada, B.
\$5,000	University of Delaware IHRC Collection based course grant. (2022). <i>The Ecology of Materials: Chita as a Tangible Means to an Intangible Heritage (A multidisciplinary, collaborative, and speculative approach)</i> Cobb, K. , Guerrón Montero C., & Lopez-Gydosh, D.
\$2,500	University of Delaware UNIDEL Fund, UD MakerSpace Fellowship (2017). <u>Project Title:</u> <i>Focus on Digital Printing Innovation in Textiles for Fashion.</i> Cobb, K.
\$3,000	I-Corps Site program grant (2017). <u>Project Title:</u> <i>Snuggle Time Garment. Soft, functional device aiding breastfeeding and skin-to- skin contact for preterm infants in neonatal intensive care units (NICUs).</i> Clarke-Sather, A., Cobb, K. , Lobo, M. & Melby, M.
\$6,000	GUR Grant Program. University of Delaware (2016). <u>Project Title:</u> <i>Mobile UPCYCLE: A Portable Maker-Platform and Educational Outreach Unit.</i> Cobb, K. , & Roberts, D.

\$975	Delaware Difference Development Incentive (3Di) Fun. <i>UD Fashion + Goodwill's Recycled Goods Manufacturing Initiative (RGMI). Participation in the AAFA International Trade Meeting panel: Environmental Committee on End of Life Issues for Clothes and Shoes.</i> (2015). Cobb, K.
\$750	CAS Faculty Research and Enrichment Grants for the Arts, Humanities and Social Sciences (2012). Cobb, K.
\$19,000	Interdisciplinary Humanities Research Grant (2010). <u>Project Title:</u> <i>The Textile in a Global World.</i> Garrison, R., Cobb, K. , Dickson, M. A., & Scott, W.

Teaching Grants

\$2,500	Climate Change Hub Faculty Course Revision Grant (2022). Cobb, K.
\$1,000	University of Delaware Office of Community Engagement Initiative Grant (2019). <u>Project Title:</u> <i>Fashion Research + Discovery: Lifecycle Approach to Apparel Community engagement through sustainable textile practice.</i> Cobb, K.
\$16,036	University of Delaware Office of Teaching and Learning (2010). <u>Project Title:</u> <i>Development and implementation of Fashion and Apparel Studies E-Portfolios for student learning.</i> Lennon, S., Cobb, K. , Jung, J., Kallal, M. J., Kim, H-S., & Lopez-Gydosh, D.
\$6,000	IT Transformation Grant. University of Delaware Center for Teaching and Learning (2013). <u>Project Title:</u> <i>Digi-Atelier: A 24/7 Video-Based Design Tutorial Resource Library.</i> Cobb, K.

Travel Grants

\$5,000	Center for Global and Area Studies and Institute for Global Studies Fashion Colloquia Milan, World Expo.IGS/GLOBEX (2015) <u>Presentation Title:</u> <i>On-the-Ground: Integrating Sustainability into the Higher Learning Curriculum through Factory-Floor Experiences.</i> Cobb, K.
\$750	Center for Teaching and Learning Assessment, Travel Grant for presentations at International Textile and Apparel Association Meeting, Honolulu, HI (2012). Cobb, K.
\$750	University of Delaware Center for International Studies, International Travel Award in support of presentation at ITAA (2011). Cobb, K.

Grant Proposals in progress

\$2,000,000	National Science Foundation-NSF Research Traineeship Program (due date 9/25) <u>Project Title:</u> Circular Textiles and Apparel: A Convergence Research Traineeship in Sustainable Materials and Systems-NSF Research Traineeship (NRT). Cobb, K. (Principal Investigator), Thomas, K., & Raible, S. Submission in progress.
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\$200,000 Department of Energy SBIR : Lubricant Aid and Low-Energy Pre-Processing for Improved Mechanical Recycling of Consumer Textiles. SPS Technologies, Cao, H., & Cobb, K.

Grants submitted/Not funded

\$5,000,000 National Science Foundation-Convergence Accelerator (submitted-07/2024)
Project Title: *Sustainable Materials for Global Challenges PHASE 2: ReSpool.* Cobb, K. (Principal Investigator), Thomas, K., Clarke-Sather, A., & Cao, H. Not Funded.

\$24,589 U.S. Environmental Protection Agency, P3 Award: A National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet. (Submitted 11/09)
Project Title: *Re/Cover Textiles: Development of Innovative Textile Upcycling Waste To Value Process Platform Through Participatory Community-Research Partnership.* Cao, H. (PI, Faculty Advisor), & Cobb, K. Not Funded

Internal funds secured to support student research

\$3,000 UD Undergraduate Research Program – Industry Scholar Award (2025)
Project: *A Joyous Thing – Fieldwork on Letty Esherick / Modern Textiles (1930–1950)*
Role: Faculty Mentor, PI | Student: Sophia Gupman
Award supported travel for fieldwork in NYC and NC on Letty Esherick.

\$4,000 UD Undergraduate Research Program – Summer Scholar (2025)
Project: *A Joyous Thing*
Role: Faculty Mentor, PI | Student: Sophia Gupman
Supported engaged research on Letty Esherick-Cobb residency at WEM.

\$4,000 UD Undergraduate Research Program – Summer Scholar (2024)
Project: *Black Canvas – 1920s Fashion*
Role: Co-Advisor | Student: Zack Pilla
3D design research in digital fashion prototyping.

\$4,000 UD Undergraduate Research Program – Summer Scholar (2024)
Project: *Black Canvas – 1920s Fashion*
Role: Co-Advisor | Student: Caity Kapner
3D design research in digital fashion prototyping.

\$4,000 UD Undergraduate Research Program – Research Associate (2024)
Project: *Black Canvas – 1920s Fashion*
Role: Co-Advisor | Student: Saynani Gbason-Krah
Research assistant supporting digital fashion prototyping.

\$2,000 UD AI Center of Excellence (AIcOE) – Research Associate (2024)
Project: *Black Canvas – 1920s Fashion*
Role: Co-Advisor | Student: Alex Culley
Research associate supporting student-led digital fashion prototyping.

\$2,000 UD AI Center of Excellence (AIcOE) – Summer Scholar (2024)
Project: *Black Canvas – 1920s Fashion*

	<p>Role: Co-Advisor Student: Alexandra Arroyo</p> <p>Research associate supporting student-led digital fashion prototyping.</p>
\$4,000	<p>UD Undergraduate Research Program – Summer Scholar (2024)</p> <p>Project: <i>Black Canvas – 1920s Fashion</i></p> <p>Role: Co-Advisor Student: Alexandra Damonte</p> <p>3D design research in digital fashion prototyping.</p>
\$6,000	<p>Delaware Environmental Institute – DENIN Scholar (2023)</p> <p>Project: <i>Sustainable Textile Innovation</i></p> <p>Role: Faculty Mentor, PI Student: Shana Demick</p> <p>Academic-year research on sustainable textile systems and fiber reuse.</p>
\$4,000	<p>UD Summer Scholars Program – Summer Scholar (2023)</p> <p>Project: <i>Sustainable Textile Innovation</i></p> <p>Role: Faculty Mentor, PI Student: Miranda Rack</p> <p>Research on sustainable materials and fiber development.</p>
\$5,000	<p>UD Summer Scholars Program – 3D Summer Scholar (2022)</p> <p>Project: <i>Digital Fashion Prototyping</i></p> <p>Role: Co-Advisor Student: Veepra Mishra</p> <p>3D fashion modeling and prototyping research.</p>
\$5,000	<p>UD Summer Scholars Program – 3D Summer Scholar (2022)</p> <p>Project: <i>Digital Fashion Prototyping</i></p> <p>Role: Co-Advisor Student: Caroline May</p> <p>Experimental digital design and garment construction.</p>
\$5,000	<p>UD Summer Scholars Program – Summer Scholar (2022)</p> <p>Project: <i>Fashaletes</i></p> <p>Role: Co-Advisor Student: Jenna Tomash</p> <p>Research on functional athletic apparel design.</p>
\$6,000	<p>Center for Food Systems and Sustainability – Internship (2022)</p> <p>Project: <i>Feasibility Study – Wasteshed Apparel</i></p> <p>Role: Faculty Mentor, PI Student: Savannah Goff</p> <p>Winter/Spring project developing business models for waste-based fibers.</p>
\$6,000	<p>Center for Food Systems and Sustainability – Internship (2022)</p> <p>Project: <i>Feasibility Study – Wasteshed Apparel</i></p> <p>Role: Faculty Mentor, PI Student: Annabelle Brame</p> <p>Collaborative applied research on circular fiber systems.</p>
\$2,500	<p>UD Climate Change Hub – Faculty Course Revision Grant (2022)</p> <p>Role: PI Curriculum development integrating climate literacy into fashion coursework.</p>
\$6,000	<p>Center for Food Systems and Sustainability (2021–22)</p> <p>Project: <i>Mapping the Anthropocenic Fibershed</i></p> <p>Role: Faculty Mentor, PI Student: M. Knutson</p> <p>Research on localized waste sourcing and textile coloration.</p>
\$5,000	<p>UD Summer Scholars Program – Summer Scholar (2021)</p> <p>Project: <i>Waste2Value: Cotton Collection</i></p>

Role: Faculty Mentor, PI | Student: Michelle Yativiskiy
Student-led fiber sorting and value analysis.

- \$1,000 UD Office of Community Engagement – Internal Grant (2019)
Project: *Fashion Research + Discovery: Lifecycle Approach to Apparel*
Role: PI
Supported student research on sustainable textile practices
- \$500 University of Delaware Undergraduate Summer Scholar Research (2017)
Project Title: *Guatemalan Textiles: Opportunity and Innovation in the 21st Century*.
Force, S., & **Cobb, K.** <https://amayantryadition.wixsite.com/guatemala>
- \$500 University of Delaware Undergraduate Summer Scholar Research (2017).
Project Title: *Development of a Sustainable Fashion Pop-Up Store*. Born, N., & **Cobb, K.**
<https://udfashcollective.tumblr.com/>
- \$500 University of Delaware Undergraduate Summer Scholar Research (2017).
Project Title: *SnuggleTime Garment Project*. Young, H., Clarke-Sather, A., & **Cobb, K.**
- \$500 University of Delaware Undergraduate Summer Scholar Research (2016).
Project Title: *Second Generation Textile Research and Development*. Betters, D., & **Cobb, K.**
- \$500 University of Delaware Undergraduate Service Learning Summer Scholar Research (2016). Project Title: *Wearing Well-Being*. Raker, A., & **Cobb, K.**
- \$500 University of Delaware Undergraduate Summer Scholar Research (2016).
Project Title: *Life Cycle Assessment Study Comparing Environmental, Social, and Economic Impacts of Sourcing a Legging manufactured in the US and Globally*. Dubriel, M., **Cobb, K.**, & Clarke-Sather, A.
- \$1,000 University of Delaware Center For Teaching and Learning Travel Grant (2016).
Project Title: *Udxlocal Ethical Fashion Collection: A Lifecycle Approach To Apparel Product Development That Considers The Social Responsibility And Environmental Sustainability Implications Of Design From Fiber To Consumer*. **Cobb, K.**
- \$1,000 University of Delaware Center For Service Learning Travel Grant (2016).
Project Title: *Udxlocal Ethical Fashion Collection: A Lifecycle Approach To Apparel Product Development That Considers The Social Responsibility And Environmental Sustainability Implications Of Design From Fiber To Consumer*. **Cobb, K.**
- \$1,000 University of Delaware Center For Undergraduate Research Travel Grant, (2016).
Project Title: *Udxlocal Ethical Fashion Collection: A Lifecycle Approach To Apparel Product Development That Considers The Social Responsibility And Environmental Sustainability Implications Of Design From Fiber To Consumer*. Silverman, J., & **Cobb, K.**
- \$500 University of Delaware DENIN Fellowship (2015).
Project Title: *Rethinking Solutions for Reducing Textile Waste in Landfills*. Silverman, J., & **Cobb, K.**
- \$500 University of Delaware Undergraduate Summer Scholar Research (2015).
Project Title: *Development of Soft Structure Mycotextile Composites for Applications in the Apparel Product Market*. Silverman, J., & **Cobb, K.**

\$500

University of Delaware Undergraduate Summer Scholar Research (2014).

Project Title: *Creating Efficiencies in The Apparel Product Development Phase With The Use Of Digital Models: A Design Case Study.* Cahall, L., & **Cobb, K.**

Refereed Conference Presentations

(All include published proceedings unless noted) (*graduate student; **undergraduate student. ^PI of research) (I=International N=National R=Regional)

Cobb, K., Yatvitskiy, M.*, & Cao, H. (2025, under review). *Waste as a beginning: Prototyping a material-driven approach for circular textiles.* Abstract submitted for presentation at the International Textile and Apparel Association (ITAA) Annual Conference. (I)

Cobb, K., Guerrón Montero, C., & Lopez-Gydosh, D. (2025, under review). *Textile ecologies and immersive futures: Chita as catalyst for cross-disciplinary learning and cultural coexistence.* Abstract submitted for presentation at the International Textile and Apparel Association (ITAA) Annual Conference. (I)

Cobb, K., & Gupman, S**. (2025, under review). *Material movement: Interpreting Letty Esherick's textiles through interdisciplinary material culture research.* Abstract submitted for presentation at the International Textile and Apparel Association (ITAA) Annual Conference. (I)

Durrani, H.*, Ludwig, K.*, Yatvitskiy, M.*, Gupman, S**, Clarke-Sather, A. R., **Cobb, K.**^, & Cao, H. (2025). "Textile Circular Economy: Addressing Material Waste in Recycling and Product Development" IDETC, Anaheim CA, August 17-20. (accepted) Paper of Distinction. International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Anaheim, CA.

Ludwig, K.*, Yatvitskiy, M.*, Gupman, S**, **Cobb, K.**^, Cao, H., & Clarke-Sather, A. (2025, May). *Advancing Circularity: Innovative Approaches to Mechanical Textile Recycling for High-Content Recycled Yarns and Nonwoven Fabrics.* Ecology of Fashion Symposium, The Academy of Arts and Sciences. Drexel University, Philadelphia, PA.

Rack, M.*, Yatvitskiy, M.*, Mishra, V**, & **Cobb, K.**, (2025, May). *A Discovery Learning Approach to Sustainable Fashion.* Ecology of Fashion Symposium, The Academy of Arts and Sciences. Drexel University, Philadelphia, PA.

Cobb, K.^, Thomas, K., Clarke-Sather, A., & Cao, H. (2025, May). *A Regional Model for Textile Circularity.* Ecology of Fashion Symposium, The Academy of Arts and Sciences. Drexel University, Philadelphia, PA.

Cobb, K.^, Thomas, K., Clarke-Sather, A., & Cao, H. (2024, November). "ReSpool: An Approach to Scaling a Circular System for Textile Recycling and Sustainable Textile Innovation Through Convergence Research.", *International Textile and Apparel Association Annual Conference Proceedings 81*(1). doi: <https://doi.org/10.31274/itaa.18909>

Rack, M.*, Yatvitskiy, M.*, Mishra, V**, & **Cobb, K.**^ (2024, November). "DeLaWEAR: An interdisciplinary team's discovery learning approach to reducing post-consumer textile waste through experiential retail.", *International Textile and Apparel Association Annual Conference Proceedings 81*(1). doi: <https://doi.org/10.31274/itaa.18906>

Yatvitskiy, M.*, Ludwig, K*, Gupman, S**, **Cobb, K.**^, Cao, H., & Clarke-Sather, A. (2024, November). "Innovative Methods for Secondary Material Development in Mechanical Textile Recycling", *International Textile and Apparel Association Annual Conference Proceedings 81*(1). doi: <https://doi.org/10.31274/itaa.18903>

Ludwig, K., Yatvitskiy, M., **Cobb, K.**, & Cao, H. (2024, November). "The Respool Fiber Research (RFR) model: A protocol for the evaluation of mechanically recycled materials towards "second life" product applications.", *International Textile and Apparel Association Annual Conference Proceedings 81*(1). doi: <https://doi.org/10.31274/itaa.18827>

Thomas, K., **Cobb, K.**, Clarke-Sather, A., & Cao, H. (2024, April). "Respool: Scaling A Circular Supply Chain For Recycled Textiles.", *Remade Circular Economy Technology Summit & Conference, Washington D.C.*

Gerder, K., Doty, K., Griffin, L., & **Cobb, K.** (2024, April). "Reclaiming Play as Creative Scholars in Academia: The Development of a Tactile Manifesto.", *Fashion And Play Symposium 2024, St. Paul, MN.*

Doty, K., Gerder, K., **Cobb, K.**, & Griffin, L. (2024, April). "Dancing with Systems: A Solutions-Focused Philosophy for Integrating Circular Economy Principles into Design Education and Practice.", *Fashion And Play Symposium 2024, St. Paul, MN.*

Cao, H., Ludwig, K., **Cobb, K.**, Scott, C., Jin, Y., Knight, B., Burrichter, M., & Shen, H. (2023, November). *Development and Research of Sustainable Mulch Mats from End-of-Use Cotton Textiles*. Presentation presented at International Textile and Apparel Association Annual Conference, Baltimore, MD. (I)

Ridgeway, J., **Cobb, K.**, & Parsons, J. (2023, November). *Collaboration in Creative Design Practice: An (Un)braided Approach*. presentation presented at International Textile and Apparel Association Annual Conference, Baltimore, MD. (I)

Orzada, B., Lopez-Gydosh, D., **Cobb, K.**, & Diao, J. (2023, November). *A New Era in Fashion Inheritance: Digital Twins of 1920's Garments*. presentation presented at International Textile and Apparel Association Annual Conference, Baltimore, MD. (I) Awarded paper of Distinction, Historic Track.

Cobb, K., Orzada, B., & Lopez-Gydosh, D. (2023, November). Salon Session: *Digital Material Culture: Curatorial and Creative Scholarship Through 21st Century Digital Product Creation*. Presider: Kelly Cobb. Salon led at International Textile and Apparel Association Annual Conference, Baltimore, MD. (I)

Cobb, K., Savage, E., McDevitt, L., Attema, L., & Radin, M. (2022, November). *Forging an Activist Knowledge Ecology Through Discovery Learning During COVID, Social Unrest and Ecological Crisis: An Online Graduate Capstone Experience*. Presented at International Textile and Apparel Association Annual Conference, Denver, CO. (I)

Cobb, K. (2022, May). Mapping the Anthropocenic Fibershed: Re/sourcing Waste as Raw Material for Textile Production. In proceedings of Delaware Accelerating Clinical and Translational Research. Virtual.

Beckett, A., & **Cobb, K.** (2022, November). *Field to Virtual Fashion: Development and Initial Testing of a Virtual Textile Foundations SIMLab*. Presentation presented at International Textile and Apparel Association Annual Conference, Denver, CO. (I)

Cao, H., **Cobb, K.**, Yatvitskiy, M., Wolfe, M., & Shen, H. (2022, November). *Product Development from End-of-Use Cotton Textiles to Reclaim Value from Waste*. Presented at International Textile and Apparel Association Annual Conference, Denver, CO. (I)

Cobb, K. (2022, November). *Service Design: Developing A Creative Ideation and Low-Tech Rapid Prototyping Toolkit for Multicolores Embroidery Project*. Presented at International Textile and Apparel Association Annual Conference, Denver, CO. (I)

Siqueria, A.*, & **Cobb, K.** (2021, November). *Testing of a Sustainable Material Selection Model: Embedding Secondary Materials into the Apparel Product Development Classroom*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Hudson, C.*, **Cobb, K.**, & Orzada, B. (2021, November). *Shaping the “New” Average American Woman: Improving Sizing & Fit Through Design and Evaluation of Plus Size Basic Dress Slopers*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Ridgeway, J., & **Cobb, K.** (2021, November). *A Braided Approach to the Development of Textile Print Designs for NICU Mothers' Kangaroo Care Garments*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Cobb, K., Cao, H., & Morrone, C. (2021, November). *Mapping the Anthropocenic Fibershed: Re/sourcing Waste as Raw Material for Textile Production*. Salon Session: Finding Local Fiber Sheds: How Researchers and Community Organizers Continue to Build Relationships Between Fiber and Place. Virtual Salon session presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Cobb, K., & Beckett, A.* *FASHSim Lab: Learning About Cotton From Field to Virtual Fashion*. Presented at Frameless Labs Symposium. Rochester Institute of Technology. (N)

Hudson, C.*, & **Cobb, K.** (accepted/COVID canceled). *Improving Sizing & Fit: Plus Size Basic Dress Slopers For The “New” Average American Woman*. Popular Culture Association: Fashion, Style, Appearance, Consumption & Design Conference, Philadelphia, PA. (N)

Cobb, K., Keough, K*., Cao, H., Shaffer, B., & Jelenewicz, S. (2020, November). *Redesigning Fashion's Future Through Discovery Learning: A Community Circular Textile Pilot and Community Partnership with Goodwill*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Gangoda, A.*, **Cobb, K.**, & Krasely, S. (2020, November). *AI Digitalization and Automation of the Apparel Industry and the Human Workforce Skills*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual. (I)

Siqueira, A.*, Ellis, K.*, & **Cobb, K.** (2020, November). *Upcycled Duo: Combating Over-Consumption and Apparel Waste through Clothes People Already Own*. IPOSTER presented at International Textile and Apparel Association Annual Conference, Virtual.

Cobb, K., Cao, H., Dickson, M., Shaffer, B., & Jelenewicz, S. (2019, October). *The Collective: Development and Testing of a Sustainable Pop-up Store*. Presented at International Textile and Apparel Association Annual Conference, Las Vegas, Nevada. (I)

Cao, H., **Cobb, K.**, Dickson, M., Shaffer, B., & Jelenewicz, S. (2019, October). *Embedding Sustainability into textile and apparel curriculum*. Presented at International Textile and Apparel Association Annual Conference, Las Vegas, NV. (I)

Cobb, K., Orzada, B., & Roelse, K. (2019, October). *Process Dialogue: Layering Complexity Through 3D Sketch and Drape. Learnings from Multi-course Sustainable Design Challenge*. Presented at International Textile and Apparel Association Annual Conference, Las Vegas, NV. (I)

Cobb, K., & Orzada, B. (2018, November). *Coming to our senses: The 21st century tactile*. Presented at International Textile and Apparel Association Annual Conference, Cleveland, OH. (I)

Silverman, J.*, Cao, H., & **Cobb, K.** (2018, November). *Development of biodegradable footwear inputs from mushroom mycelium*. Presented at International Textile and Apparel Association Annual Conference, Cleveland, OH. (I) Awarded Paper of Distinction, Textile Science Track.

Li, Bai.*, **Cobb, K.**, Cao, H., Orzada, B., & Ping, X. (2018, November). *Hanfu rising: The simulation and evaluation of Chinese cultural garments: a multi-dimensional comparison study*. Presented at International Textile and Apparel Association Annual Conference, Cleveland, OH. (I)

Silverman, J.*, Cao, H., Cobb, K., & Wing, T**. (2018, May). *Mycelium afoot*. Presented at P3 National Sustainable Design Expo at The USA Science and Engineering Festival, Washington, DC.

Clarke-Sather, A., **Cobb, K.**, Young, H.***, & Maloney, C. (2018, April). *Contextual design theory applied to wearables that facilitate kangaroo care by interviewing mothers of hospitalized infants*. Presented at Design of Medical Devices Conference, Minneapolis, MN. (N)

Cobb, K., Cao, H., Davelaar, E.*, Tortorice, C., Li, B., Sharek, A., Dubriel, M., & Scarry, M. (2017, November). *Physical to virtual: Optimizing the apparel product development process to reduce solid waste in apparel*. Presented at International Textile and Apparel Association Annual Conference, St. Petersburg, FL. (I)

Cobb, K., Cao, H., Davelaar, E., Tortorice, C., Li, B., Sharek, A., Dubriel, M., & Scarry, M. (2017, May). *Physical to virtual: Optimizing the apparel product development process to reduce solid waste in apparel*. Paper presented at EPA: P3 Design Competition Launch. TechConnect World Innovation Conference, National Innovation Summit and National SBIR/STTR Conferences, Washington, D.C.

Cobb, K., Roberts, D., Silverman, J., Bhatt, D. (2017, November). *Mobile up-cycle portable research educational outreach unit*. Presented at International Textile and Apparel Association Annual Conference, St. Petersburg, FL. (I)

Cao, H., Carper, M., **Cobb, K.**, Dickson, M., Silverman, J., & Jelenewicz, S. (2017, November). *Applying problem-based learning (PBL) strategy to strengthen sustainability education in textile and apparel curriculum*. Presented at International Textile and Apparel Association Annual Conference, St. Petersburg, FL. (I)

Hou, A. Y., Orzada, B. T., & **Cobb, K.** (2017, November). *From auspicious to suspicious: Evaluating the intention and use of Imperial Chinese symbolism in contemporary fashion*. Presented at International Textile and Apparel Association Annual Conference, St. Petersburg, FL. (I)

Lapolla, K., & **Cobb, K.** (2016, November). *Wearing well-being: Using context mapping toward the development of garment therapy for elderly populations*. Presented at the International Textile and Apparel Association Annual Conference, Vancouver, Canada. (I)

Tortorice, C., Davelaar, E., & **Cobb, K.** (2016, November). *A braided approach to framing creative process. Articulating Design Research Through Disciplinary Collaborative Practice*. Presented at International Textile and Apparel Association Annual Conference, Vancouver, Canada.

Corcoran, E., & **Cobb, K.** (2016, May). *Manufacturing waste and its impacts on the environment*. Paper presented at Global Marketing Conference, Hong Kong, China. (I)

Cobb, K. (2015, September). *On-the-ground: Integrating sustainability into the higher learning curriculum through factory-floor experiences*. Presented at Feeding Fashion Energies: New Pathways For Fashion Education, World Expo, Milan. Milan, Italy. (I)

Tortorice, C., **Cobb, K.**, & Lopez-Gydosh, D. (2015, May). *Fashion CSI: Exploring the application of virtual*

design software in historic costume and textiles collections. Presented at CSA Annual Conference, San Antonio, TX. (I)

Cobb, K. (2015, November). *Presentation of personal creative research methods: Design and social practice*. Presented as part of a special session titled “Design research: retrievable, contextualized, and making a contribution to knowledge in the field” at International Textile and Apparel Association Annual Conference, Santa Fe, NM. (I)

Cobb, K., Kallal, J., Orzada, B., Hall, M., Roelse, K., & Gorea, A. (2014, November). *Facets of indigo: Textile and apparel design faculty collaboration*. Presented at the International Textile and Apparel Association Annual Conference, ITAA-KSCT Joint Symposium, Charlotte, NC. (I)

Cobb, K., Carper, M., & Wyatt, N. (2013, November). *The denim supply chain as a global multi-disciplinary classroom: A learning experience from field to factory to showroom floor*. Presented at the International Textile and Apparel Association Annual Conference, New Orleans, LA. (I)

Cao, H., Scudder, C., Dickson, M., **Cobb, K.**, & Carper, M. (2013, November). *Sustainable auto worker uniforms: Lessons learned from applying a sustainable product development tool*. Presented at the International Textile and Apparel Association Annual Conference, New Orleans, LA. (I)

Cobb, K., & Roelse, K. (2012, November). *CoLab: A Two-fold Development Model Utilizing Studio Collaboration To Inspire Product And Professional Development*. Presented and facilitated at International Textile and Apparel Association Annual Conference, Honolulu, HI. (I)

Pasricha, A., Dickson, M. A., **Cobb, K.**, & Spear, E. (2012, November). *Use and application of the Sustainable Apparel Coalition’s Higg Index*. Workshop presented and facilitated at International Textile and Apparel Association Annual Conference, Honolulu, HI. (I)

Cobb, K., & Vasallo, N. (2012, May). *Fikjastical: Combining user-innovation and trend forecasting with functional design to develop a fashionable “fidget” therapy garment*. Presented at the Fashion and Health Symposium, The University of Minnesota, Saint Paul, MN. (N)

Cobb, K. (2012, May). *BY KIDS ONLY: Kid-centric garment therapy*. Presented at the Fashion and Health Symposium, The University of Minnesota. Saint Paul, MN. (N)

Cobb, K. (2011, November). *From the ground up: Demonstrating sustainability in the product development phase*. International Sustainability in the Fashion and Apparel Studies curriculum. Presented at International Textile and Apparel Association Annual Conference, Philadelphia, PA. (I)

Lennon, S. J., **Cobb, K.**, Jung, J., & Kim, H-S. (2011, November). *Integrating e-portfolios in the fashion curriculum for teaching, learning, and assessment (TLA)*. Paper presented at International Textile and Apparel Association Annual Conference, Philadelphia, PA. (I)

Cobb, K., & Orzada, B. (2010, November). *Ethical Fashion Project: Partnering with Industry*. Oral presentation at the International Textile and Apparel Association Conference, Montreal, Canada. Paper of Distinction – Social Responsibility and Sustainability Track.

Invited Presentations (I=International N=National R=Regional)

Cobb, K., Clarke-Sather, A., Thomas, K., Cao, H., Slocum, A., & Raible, S. (2023, October). *ReSpool: Scaling a Circular System for Textile Recycling and Sustainable Textile Innovation*. Presented at Fiber Society Conference, Philadelphia, PA. October 27, 2023

Cobb, K. Anxiety in the Arts (2023, October). Climate Hub Lunch + Learn.
https://sites.udel.edu/climatechangehub/calendar_event/lunch-learn-oct-anxiety-the-arts/

Cobb, K. (2023, July). "ReSpool participatory knowledge exchange workshop", The BOK. Philadelphia, PA.

Cobb, K. (2023, February). "Studying Sustainability." YES Youth Environmental Summit, The University of Delaware. <https://delawareyes.org/the-2023-program>

Cobb, K. (2023, March). "The Future of Textiles" Philadelphia Handweavers Guild. Online.

Cobb, K. (2022, December). "Fast versus Sustainable Fashion: Fad or Future?". Plastic Free Delaware Monthly Meeting. Online. <https://www.youtube.com/watch?v=wpMne6plndc>

Cobb, K. (2022, December). "Fast versus Sustainable Fashion: Fad or Future?". Webinar hosted by Plastic Free Delaware.

Cobb, K. (2022, October). Climate Education Symposium, The Climate Change Hub. University of Delaware.

Cobb, K. (2022, October). Design Philadelphia Panel: Sustainable Textile Innovation, Design Center, Philadelphia.

Cobb, K. (2022, October). Speed Dating: Creative Scholarship: International Textile and Apparel Association Webinar Series in Creative Scholarship.

Cobb, K. (2022, April). Newark Center for Creative Learning Greenfest.

Cobb, K. (2022, April). Delaware Nature Society's DuPont Environmental Education Center, Wilmington, DE.

Cobb, K. (2022, June). "Lessons Learned From The Development And Initial Testing Of A xR(Real-And-Virtual) Foundations Lab." Summer Institute on Teaching, University of Delaware.

Cobb, K. (2021, October). Re-Source: Design Research in Response to Textile Waste. Department of Fashion and Apparel Studies, Maryland Institute College of Art, Baltimore, MD. Virtual symposium (R)

Cobb, K. (2021, October). Fashion Fictions: Education Forum, Nottingham Trent University, UK. Virtual symposium. (I)

Cobb, K. (2021, September). Who, What, Data Wear RESEARCH/MIND MAPPING /FORECASTING /MANIFESTO. Graduate School: Interdisciplinary Sculpture. Maryland Institute College of Art, Baltimore, MD. Virtual symposium. (R)

Cobb, K., Orzada, B.T., & Lopez-Gydosh, D. (2020, July). History is always in fashion. The Threads of Research: Weaving Narrative and Understanding Through Historic Textile Collections. Cornell Library Rare and Distinctive (RAD) Collections. (N)

Cobb, K. (2020, September). Sustainability is the New Black. National Textile Museum. (N)

Cobb, K. (2020, September). What's Next? Fashion and the Environment. Delaware Sierra Club.

- Cobb, K.** (2020, March). Provosts Symposium on Engaged Scholarship. University of Delaware.
- Cobb, K.** (2020, April). PI Apparel: Educating the Next Wave of Digital Fashionistas. (I)
- Cobb, K.** (2019, June). *A Taste of Sustainability*. Vox Populi Gallery. Philadelphia, PA. (R)
- Cobb, K.** (2018, June). *Preparing a 3D Workforce: Education Committee Workshop*. PI Apparel. New York, NY. (I)
- Cobb, K., & Cao, H.** (2018, March). *When technology meets fashion sustainability*. Presented for American Apparel and Footwear Association Webinar.
<https://www.centricsoftware.com/category/webinar-replays/>
- Cobb, K.** (2018, January). *Tactile + Technical. Design research collaboration with Ixchel Museum of Indigenous Textiles, Guatemala*. Presentation of Research. J. Fulbright Scholarship. Guatemala City, Guatemala. (I)
- Cobb, K.** (2018, April). Guest Critic. Fashion Design Program. Drexel University, Philadelphia, PA. (R)
- Cobb, K.** (2017, October). *Sustainable apparel design research*. Presentation at The Maryland Institute College of Art, Baltimore, MD. (R)
- Cobb, K.** (2016, May). *Mobile up-cycle: Portable fashion platforms*. Presentation at Swedish School of Textiles, Borås, Sweden. (I)
- Cobb, K., Bhat, D., Silverman, J., & Born, N.** (2017, May). *Sustainability in the fashion curriculum*. Conscious Chatter Podcast.
<http://consciouschatter.com/podcast/2016/12/27/s01-episode-42-sustainability-in-the-fashion-curriculum>
- Cobb, K.** (2016, November). *Embedding sustainability into the course curriculum*. Presentation at SAC Americas Regional Meeting. Brooklyn Fashion + Design Accelerator, Brooklyn, NY. (I)
- Cobb, K.** (2016, August). *Everyone wears clothes*. Keynote Speaker presentation at Delaware Environmental Institute Scholar Winter Retreat, Wilmington, DE. (R)
- Cobb, K.** (2015, October). *UD Fashion + Goodwill's Recycled Goods Manufacturing Initiative (RGMI)*. Participation in the AAFA International Trade Meeting panel: Environmental Committee on End of Life Issues for. Clothes and Shoes. (N)
- Cobb, K.** (2015, May). *Design for healthy living*. Presentation at STAR Campus. University of Delaware, Newark, DE. (R)
- Cobb, K.** (2015, March). *Betwixt and Between! Make Your Own Loom*. The Fabric Workshop and Museum Philadelphia, PA. (R)
- Cobb, K.** (2013, May). *Innovating fiber*. Invited Panelist in conjunction with Lenore Tawney: Wholly Unlooked For Exhibition. The Maryland Institute, College of Art, Baltimore, MD. (R)
- Cobb, K.** (April, 2012) *On the ground: Sustainable development project*. Presentation at Vestex Tradeshow. Guatemala City, Guatemala. (I)

Cobb, K. (2011, May) *ReMade workshop* in conjunction with the 2011 Energy and Sustainability Conference held by The University of Delaware Electrical and Computer Engineering and Solar Power Program. Newark, DE. (R)

Cobb, K. (2011, May). *The legacy of work: Technology, craft, and DIY*. Presentation at MAASA Annual Conference, University of Wisconsin-Madison, Madison, WI. (N)

Cobb, K. (2009, October). *Ethical fashion project 2009*. Fashioning an Ethical Industry Educational Symposium, Ethical Fashion Show, Paris, France. (I)

Cobb, K., & Boyer, T. (2009, May). *Re(Source) handmade, fair trade and artisanal production in fashion*. Presentation at The Maryland Institute, College of Art, Baltimore, MD. (R)

Instructional Responsibilities

Courses Taught

FASH 133: Fashion Art Studio

FASH 210: Seminar on Fashion and Sustainability

FASH 233: Fashion Drawing and Rendering

FASH 333: Fashion Forecasting

FASH 421: Portfolio Development

FASH 417/617: Lifecycle Approach to Apparel

FASH 433: Product Development and Management Studio

FASH 692: Sustaining Global Apparel Supply Chains

FASH 698: Re-Designing Green Fashion

FASH 825: Interdisciplinary Approaches to Creative Problem Solving

Graduate Advisory Committees – Master of Science in Fashion and Apparel Studies

2026	Shae Woodruff	Major Professor, MS Professional Project (In progress)
2025	Miranda Rack	Major Professor, MS Professional Project
2024	Stephanie Raible	Mentor: Sustainable Apparel Business MS Capstone
	Peyton Koch	Mentor: MS Professional Project
	Michelle Yatvitskiy	Mentor: Sustainable Apparel Business MS Capstone
	Kendall Ludwig	Committee member, MS Professional Project
2023	Nate Robinson	Committee member, MS Professional Project
	Grace Lundquist	Mentor: Sustainable Apparel Business MS Capstone
	Michelle Yatvitskiy	Mentor: Sustainable Apparel Business MS Capstone
2022	Angela Beckett	Major Professor, MS Thesis
	Carmyia Scott	Committee member, MS Professional Project
	Alexa Raab	Mentor: Sustainable Apparel Business MS Capstone
2021	Liz Savage	Mentor: Sustainable Apparel Business MS Capstone
	Lyndsey Addema	Mentor: Sustainable Apparel Business MS Capstone
	Lauren McDevitt	Mentor: Sustainable Apparel Business MS Capstone
	Megan Wolfe	Committee member, MS Professional Project
	Aline Gomes Siqueira	Major Professor, MS Thesis
	ChiYin Wang	Committee member, MS Thesis
	Abby Treers	Committee member, MS Thesis
	Katie Ellis	Committee member, MS Thesis
2020	Cheyenne Smith	Co-chair, MS Thesis
	Radin, Molly	Mentor: Sustainable Apparel Business MS Capstone
2019	ChaCha Hudson	Major Professor, MS Thesis

	Anu Gangoda	Major Professor, MS Thesis
	Patience Ankoma	Committee member, MS professional project
	Kelly Allen	Committee member, MS Thesis
2018	Bai Li	Major Professor, MS Thesis
	Jillian Silverman	Committee member, MS Thesis
	Sheiron Crawford	Committee member, MS professional project
2017	Eunmi Li	Committee member, MS Thesis
	Cara Tortorice	Major professor, MS professional project
	Elizabeth Davelaar	Committee Member, MS Thesis
2016	Anthony DiSanzo	Co--major professor, MS professional project
	Ye Hou (Amy)	Co-major professor, MS professional project
2014	Kim Rosner	Committee member, MS Thesis
	Mikayla Bloomfield	Committee member, MS Thesis
2011	Shahera Williams	Committee member, MS Thesis
	Lijuan, PI	Committee member, MS Thesis

Independent Study

2025

Sophia Gupman – Industry Scholar Award: A Joyous Thing – Fieldwork research on Letty Esherick and modern textiles (1930–1950). Faculty Mentor-PI, UD Undergraduate Research Program.

Sophia Gupman – UD Summer Scholar: A Joyous Thing. Supported student-engaged creative scholarship surrounding Cobb's residency at Wharton Esherick Museum.

2024

Zack Pilla – UD Summer Scholar: Black Canvas – 1920s Fashion. Co-Advisor, 3D design research in digital fashion prototyping.

Caity Kapner – UD Summer Scholar: Black Canvas – 1920s Fashion. Co-Advisor, 3D design research in digital fashion prototyping.

Saynani Gbason-Krah – Research Associate, Black Canvas – 1920s Fashion. Co-Advisor, assisted with student-led 3D digital fashion prototyping.

Alex Culley – Research Associate, Black Canvas – 1920s Fashion. Co-Advisor, AICOE grant, supported prototyping in digital fashion.

Alexandra Arroyo – Research Associate, Black Canvas – 1920s Fashion. Co-Advisor, AICOE grant, supported 3D fashion design.

Alexandra Damonte – UD Summer Scholar: Black Canvas – 1920s Fashion. Co-Advisor, digital fashion prototyping research.

2023

Shana Demick – DENIN Scholar. Faculty Mentor-PI, Delaware Environmental Institute, sustainable textile innovation research.

Miranda Rack – UD Summer Scholar: Sustainable Textile Innovation. Faculty Mentor-PI, research on sustainable materials and fiber development.

Veepra Mishra – 3D Summer Scholar. Co-Advisor, student-led research in 3D fashion modeling and prototyping.

Caroline May – 3D Summer Scholar. Co-Advisor, 3D garment construction and experimental digital design.

2022

Jenna Tomash – Fashaletes Summer Scholar. Co-Advisor, functional athletic design research.

Savannah Goff – Feasibility Study – Wasteshed Apparel. Faculty Mentor-PI, winter/spring research on circular business models.

Annabelle Brame – Feasibility Study – Wasteshed Apparel. Faculty Mentor-PI, applied research in fiber circularity.

Climate Change Hub – Faculty Course Revision Grant. PI, curriculum development integrating climate literacy into fashion coursework.

2021–22

Maddie Knutson – Mapping the Anthropogenic Fibershed. Faculty Mentor-PI, sourcing waste for coloration and textile production.

2021

Michelle Yatvitskiy – Waste2Value: Cotton Collection. Faculty Mentor-PI, fiber sorting and textile waste value analysis.

2020: COVID-19

2019: Sabbatical

2018

Bello, Felicia. (2018). Encouraging Well-Being Through Intelligent Clothing

2017

Davelaar, E., Tortorice, C., Li, B., Sharek, A., Dubriel, M., Scarry, M. (2017)
Physical to Virtual: Optimizing the Apparel Product Development Process to Reduce Solid Waste in Apparel. EPA P3 Design Competition.

Young, Hannah. (2017). Development of SnuggleTime Garment, Kangaroo Care in NICUs. Fall Product Development Independent Study.

Force, Soraya. (2017) Guatemalan Textiles: Opportunity and Innovation in the 21st Century. University of Delaware Undergraduate Summer Scholar Research. <https://amayantradition.wixsite.com/guatemala>

Born, Nelly. (2017). Development of a Sustainable Fashion Pop-Up Store. University of Delaware Undergraduate Summer Scholar Research. <https://udfashcollective.tumblr.com/>

Young, Hannah. (2017). SnuggleTime Garment Project. University of Delaware Undergraduate Summer Scholar Research.

2016

Betters, Dani. (2016). *Second Generation Textile Research and Development*. University of Delaware Undergraduate Summer Scholar Research.

Raker, Amanda. (2016). *Wearing Well-Being*. University of Delaware Undergraduate Service Learning Summer Scholar Research.

Dubriel, M. (2016). *Life Cycle Assessment Study Comparing Environmental, Social, and Economic Impacts of Sourcing a Legging manufactured in the US and Globally*. University of Delaware Undergraduate Summer Scholar Research.

Davelaar, Elizabeth and Tortorice, Cara. (2016). *Bonnie and Bye: A braided approach to design*. International Textile and Apparel Association Design Exhibition. Vancouver, Canada. 35% acceptance rate. Faculty Advisor, Graduate Category.

Davelaar, E., Tortorice, C., Silverman, J., DiSanzo, A., & Blissick, M. (2016). Synthesis. International Textile and Apparel Association Design Exhibition. Vancouver, Canada. 35% acceptance rate. Faculty Advisor, Graduate Category.

2015

Silverman, Jillian. (2015). Rethinking Solutions for Reducing Textile Waste in Landfills. University of Delaware DENIN Fellowship.

Silverman, Jillian. (2016). Development of Soft Structure Mycotextile Composites for Applications in the Apparel Product Market.

2014

Cara Tortorice. (2014). *Fashion CSI: Exploring the Application of Virtual Design Software in Historic Costume and Textiles Collections*. Abstract Accepted to CSA Annual Conference, 2015. Independent Study.

Bishop, Ariana and Lou, Xingqiu. *From Physical To Virtual: Optimizing the Apparel Product Development Process to Reduce Solid Waste in Apparel Production with the use of 3D Models and Maps*. Project Proposal Submitted to EPA P3 Student Design Competition. F14. Honors project.

Cahill, Layken. (2014). Creating Efficiencies in The Apparel Product Development Phase With The Use Of Digital Models: A Design Case Study. University of Delaware Summer Research Scholar.

2013

Scudder, Crescent. *Building Bridges: Bringing small and medium sized enterprises into the Sustainable Apparel Coalition: A case study of an independent brand utilizing the Higg Index 1.0*. Fall Product Development Graduate Independent Study.

McPhee, Maddie. *Points of Measure: Development of a Visual Fit "How-to-Measure POM Guide" as an aid in Apparel Product Development and Technical Design in collaboration with Destination Maternity*. Independent Study.

2012

Ross, Brooke and Chung, Shirley. (2012). *Creating "Eve" avatar facial features in Opti 3 for DMC Avatar Project*. Honors Project.

Checco, Melissa, Ross, Brooke, Rodriguez, Jessica. *Creative pattern design for zero waste apparel production*. P3 Award: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet. Honors project.

Giroux, Caitlin. *Shibori Dye Project*. Independent Study.

Richards, Bethany. *Bridal Illustration*. Independent Study.

2011

Dixey, Carly. Fisker Development and Design Project. Independent study.

Takadashi, Jine and Shaw, Jenna. 3D Avatar Project, Destination Maternity. Summer Research Scholar.

McCord, Jennifer. Seminar on Sustainability in Fashion, Student Assistant.

Ffolkes, Lisette. Seminar on Sustainability in Fashion, Student Assistant.

2010

Wagner, Dani. Advanced Fashion Drawing and Illustration. Independent Study.

Levens, Jena. Visual Merchandising Independent Study with Anthropologie. Independent Study

Graham, Irene. Paris Study Abroad Student Assistant.

Professional Affiliations

International Textile and Apparel Association 2009-present

AATCC-American Textile Colorists and Chemists 2016-present

Costume Society of America 2014, 2017-2021

Surface Design Association 2011-2013

ESRAB – Educators for Socially Responsible Apparel Business 2010-2020

College Art Association 2004-2008

Service to Industry

Industry: 3D. Retail Coalition (3D.RC) Educational Subcommittee (2019-2022)

Delaware Remanufacturing Initiative-academic collaborator with Goodwill of Delaware and Delaware County (2016-present)

Service to University

2022-Present Co-convener, DENIN and CMCS Working group: sustainable textiles and apparel co-conveneing with Kedron Thomas

2023 UD/AI Center of Excellence Grant reviewer

2022 UD/Interdisciplinary Humanities Research center grant reviewer

2021-2022 Faculty Mentor, University of Delaware Faculty Achievement Program (2021-22)

2021-Present UD Climate Council Delegate (planning of Earth day events, curricular discussions)

2017 UD Makerspace Initiative

Service to College

Faculty Senate-2022-2026

Aaron Terry P&T Spring 2023

(2023) Art and Design APR_internal member on this review committee

Chair-Undergraduate Studies Committee-2012

Undergraduate Studies Committee-2010, 2011

Service to Department

- Advisory council planning , newsletter planning, outreach

- Hiring Committee Chair: CT Faculty
- Peer reviews
- Blue and Golden days

2024: Sabbatical Fall 2024

2023:

- Advisory council planning , newsletter planning, outreach
- Hiring Committee Chair: CT Faculty
- Peer reviews
- Blue and Golden days

2022:

- Chair-PR committee and advisory board planning
- Chair-CT Fashion hiring committee
- PAA Scholarship Coordinator (design + merchandising)

2020-2021

- Member-Chair Fashion hiring committee

2019

- Actively participated in the routine department service activities.
- Member of undergraduate committee
- APD Freshmen Recruitment Committee
- AATCC Faculty advisor

2018 (Sabbatical Fall, 2018)

- Actively participated in the routine department service activities.
- Member of undergraduate committee

2017

- Actively participated in the routine department service activities.
- Member of PR & Outreach committee.
- Member of undergraduate committee.
- Member of graduate committee (spring 2017)
- CAD lab manager.
- Library liaison

2016

- Member of chair search committee
- Actively participated in the routine department service activities.
- Member of PR & Outreach committee.
- Member of undergraduate committee.
- Library liaison

2015

- Actively participated in the routine department service activities.
- Member of Undergraduate Studies committee.
- CAD lab manager.
- Participated in Blue and Golden or Decision Days.
- Library liaison

2014

- Faculty Search Committee member, F14.
- Actively participated in the routine department service activities.
- Member of Undergraduate Studies committee.
- CAD lab manager.
- Participated in Blue and Golden or Decision Days.

2013

- Co-advisor of Synergy club—helping keep students on track, attending bi-monthly meetings, assisting search for judges.
- Actively participated in the routine department service activities.
- Member of PR & Outreach committee.
- Member of Undergraduate

2012

- Participated in Blue and Golden or Decision Days.
- Project OR advisor to Brynn Williams.
- Assisted advisement of FSF applicants in the design area.
- Member, PR & Outreach committee, significant work on FASH website.
- UDSAI/FASH sustainability learning goals team.
- APD learning goals team.
- Led work of team considering revisions to Merit appraisal rubric.

2011

- Mentoring students for FSF awards.
- Participation at department recruiting events.
- Club Advisor (Synergy, Garment District).
- Student co-curricular activities organized (Sa Va).
- Preparation team for APD program review-FASH advisory board meeting.

Professional Service Contributions

2026-28 ITAA Incoming VP of Professional Development

2023: ITAA Conference Co-Chair

2021-Co-created ITAA Design Scholarship Webinar series.

Created virtual gallery for Jean Parsons presentation for ITAA (online)

Developed and launched Pop-Up Store @ Goodwill, Newark, Delaware

2020-Organized "Fashion Interventions" in conjunction with Fashion Revolution Week

Coordinating Committee, Fashion Portfolio Day.

Developed and launched Pop-Up Store @ Goodwill, Newark, Delaware

2019-Organized "Fashion Interventions" in conjunction with Fashion Revolution Week

Coordinating Committee, Fashion Portfolio Day.

Developed and launched Pop-Up Store @ Barnes and Noble Bookstore.

Manuscript Reviewer

CTRJ

Fashion Practice

Book Proposal Reviewer

Fairchild Books

Berg Publishers

Abstract Reviewer

ITAA Annual Conference

Technical Design Track

Communication

Graduate Studies

Design Review (Professional, Graduate and Undergraduate design)

Past Notable Service examples:

2018

- Organized “Fashion Interventions” in conjunction with Fashion Revolution Week 2018.
- Coordinating Committee, Fashion Portfolio Day.
- Developed and launched Pop-Up Store @ Barnes and Noble Bookstore.

2017

- Organized a “REMAKE” Sewing Collective Event event for UD Earth Day. 2013
- Coordinating Committee, Fashion Portfolio Day.
- Organized group trip to SAC meeting at BFDA NYC.
- Coordinated summer scholar research trip to TEXWORLD and Premiere vision trade show, NYC.

2016

- Organized a “REMAKE” Sewing Collective Event event for UD Earth Day. 2013.
- Coordinating Committee, Fashion Portfolio Day.
- Organized student project with Reebok (fundraised for class travel to headquarters)
- Coordinated summer scholar research trip to TEXWORLD and Premiere vision trade show, NYC.

2015

- Facilitated student project with UnderArmour (fundraised for class to travel to UA campus)
- Coordinated summer scholar research trip to TEXWORLD and Kingpin denim trades show, NYC.

2014

- Advisor, Carrie Parry for Alvanon Fitting Trial 2014.
- Advisor, Technical Design Team: Destination Maternity Corp.
- Reviewer-Paper, Fashion and Communication Conference, University of Minnesota.
- Textbook Review: Fashion Sketchbook. Bloomsbury/Fairchild Publishing.

2013

- Participating with SAC, Higher Education Summit.
- On Worn Through’s scholarship committee, involved with reviewing applications.
- Assisted designer: Carrie Parry for Alvanon Fitting Trial.
- Advisor, Technical Design Team: Destination Maternity Corp.
- Textbook Review: Textile Design, Sherrow. Bloomsbury Publishers.
- Textbook Review: Fashion Sketchbook, Bina Abling. Bloomsbury Publishers.
- Textbook Review: Draw Fashion, Ellenwood.
- ITAA Presider: Sustainability Track.

2012

- Reviewer-designs, Fashion and Sustainability Symposium, University of Minnesota.
- Reviewer for ESRAB/ITAA paper awards.
- Presider: ITAA. Sustainability and Social Responsibility Track.
- Co-developed Worn-through research award.
- Educational Member, The Sustainable Apparel Coalition. Co-organizer Educational Summit.
- Advisor, Technical Design Team: Destination Maternity Corp.

2011

- Educational Member, The Sustainable Apparel Coalition. Annual Meeting, Wilmington. DE.
- Advisor, SA VA Fashion, Philadelphia, PA.
- President: ITAA. Textile Science Track.

Community Service 2011-present

- CW Henry School (Philadelphia School District) Costumier (2022, 2023)
- NCCD earth day workshop-2022
- NCCD earth day workshop-2020
- Service design volunteer: Multicolores Collective, Panajachel, Guatemala.
- Conducted a workshop on circular design for students at Miquon School, Philadelphia, PA.
- Conducted flower stamp/dye workshop for children at Cooperative Nursery School, Philadelphia, PA.
- CSA service volunteer: Greensgrow Community Farm.
- Organized Philadelphia co-curricular activities: Fashion Phest and Design Philadelphia.
- Workshop leader, The Fabric Workshop and Museum
- Workshop leader, Design Philadelphia.
- Invited speaker, "The 100-Mile Suit" The University of Delaware Osher Lifelong Learning Institute, Wilmington, DE.
- Presented a 100-mile suit during Greenfest at the Newark Center for Creative Learning.

Selected Media Coverage

University of Delaware. (2025, January 10). For the Record Friday. UDaily.

<https://www.udel.edu/udaily/2025/january/for-the-record-friday-january-10-2025/>

University of Delaware. (2024, November). Inventors recognized for innovation. UDaily.

<https://www.udel.edu/udaily/2024/november/inventors-recognition-innovation/>

University of Delaware. (2024, August). AI at UD: Examples from 2024. UDaily.

<https://www.udel.edu/udaily/2024/august/AI-at-UD-examples-2024/>

University of Delaware. (2024, August). Digital twins: Recreating fragile fashion. UDaily.

<https://www.udel.edu/udaily/2024/august/digital-twins-recreating-fragile-fashion-online-preserving-historical-garments/>

University of Delaware. (n.d.). UD rises in research rankings. CEHD News.

<https://www.cehd.udel.edu/university-of-delaware-rises-in-research-rankings/>

University of Delaware. (2023, August). The power of Spin In. UDaily.

<https://www.udel.edu/udaily/2023/august/spin-in-entrepreneurship-innovation-partnerships/>

University of Delaware. (2023, April). Keeping it local. UDaily.

<https://www.udel.edu/udaily/2023/april/circular-textile-supply-chain-reduce-waste-kelly-cobb/>

University of Delaware. (2022, September). Innovation for the nation. UDaily.

<https://www.udel.edu/udaily/2022/september/ud-day-dc-washington-research-federal-officials-congressional-staff-agencies/>

The Review. (2022, November). Fast fashion's impacts on the environment, society, and economy. UD

Review. <https://udreview.com/fast-fashions-impacts-on-the-environment-society-and-the-economy/>

University of Delaware. (2022, May). From trash to treasure. UDaily.
<https://www.udel.edu/udaily/2022/may/textile-waste-remanufacturing-upcycling-sustainability>

University of Delaware. (2022, May). Fash-A-Letes. UDaily.
<https://www.udel.edu/udaily/2022/august/fashion-sportswear-athletic-apparel-design-research-summer-scholar-fashalette>

University of Delaware. (2019, December). The perils of fast fashion. UD Magazine on UDaily.
<https://www.udel.edu/udaily/2019/december/perils-of-fast-fashion/>

University of Delaware. (2018, December). Fashion with a purpose. UD Fashion.
<https://www.fashion.udel.edu/news/Pages/Fashion-with-a-purpose-.aspx>

Irish Daily. (2018, April). Researchers have created biodegradable shoes using mushrooms. Irish News.
<https://www.irishnews.com/magazine/science/2018/04/18/news/researchers-have-created-biodegradable-shoes-using-mushrooms-chicken-feathers-and-textile-waste-1308006/>

University of Delaware. (2018, April). Fungi in fashion. UDaily.
<https://www.udel.edu/udaily/2018/april/sustainable-fashion-mushroom-based-shoe/>

University of Delaware. (2015, November). Fashioning global connections. UDaily.
<https://www1.udel.edu/udaily/2016/aug/fashion-china-080415.html>

University of Delaware. (2023, December). University of Delaware rises in the ranks. CBE News.
<https://cbe.udel.edu/news/2023/12/04/university-of-delaware-rises-in-research-rankings/>

University of Delaware. (2012, November). Fashion instructor wins national design competition. UDaily.
<https://www1.udel.edu/udaily/2012/nov/cobb-batik-award-111811.html>

University of Delaware. (2012, May). Therapy garments. UDaily.
<https://www1.udel.edu/udaily/2012/may/fikjastical-garment-050912.html>

University of Delaware. (2025, January 10). For the Record. UDaily.
<https://www.udel.edu/udaily/2025/january/for-the-record-friday-january-10-2025/>

University of Delaware. (2024, November). Inventors recognized for innovation. UDaily.
<https://www.udel.edu/udaily/2024/november/inventors-recognition-innovation/>

University of Delaware. (2024, August). AI at UD: Examples of innovation. UDaily.
<https://www.udel.edu/udaily/2024/august/AI-at-UD-examples-2024/>

University of Delaware. (2024, August). Digital twins: Recreating fragile fashion online. UDaily.
<https://www.udel.edu/udaily/2024/august/digital-twins-recreating-fragile-fashion-online-preserving-historical-garments/>

College of Education and Human Development. (n.d.). University of Delaware rises in research rankings.
<https://www.cehd.udel.edu/university-of-delaware-rises-in-research-rankings/>

University of Delaware. (2023, August). The Power of SpinIn. UDaily.
<https://www.udel.edu/udaily/2023/august/spin-in-entrepreneurship-innovation-partnerships/>

University of Delaware. (2023, April). Keeping it Local. UDaily.
<https://www.udel.edu/udaily/2023/april/circular-textile-supply-chain-reduce-waste-kelly-cobb/>

University of Delaware. (2022, September). Innovation for the Nation. UDaily.
<https://www.udel.edu/udaily/2022/september/ud-day-dc-washington-research-federal-officials-congressional-staff-agencies/>

The Review. (2022, November). Fast fashion's impacts on the environment and society.
<https://udreview.com/fast-fashions-impacts-on-the-environment-society-and-the-economy/>

University of Delaware. (2022, May). From trash to treasure. UDaily.
<https://www.udel.edu/udaily/2022/may/textile-waste-remanufacturing-upcycling-sustainability>

University of Delaware. (2022, May). Fash-A-Letes. UDaily.
<https://www.udel.edu/udaily/2022/august/fashion-sportswear-athletic-apparel-design-research-summer-scholar-fashalette>

University of Delaware. (2019, December). The Perils of Fast Fashion. UD Magazine.
<https://www.udel.edu/udaily/2019/december/perils-of-fast-fashion/>

University of Delaware. (2018, December). Fashion with a Purpose. UD Fashion.
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