

SUSAN WILLIAMS

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EDUCATION **Massachusetts Institute of Technology**, Masters of Architecture Candidate
Cambridge, MA. 2020-

Rhode Island School of Design, Bachelors of Fine Arts, Textile Design
Providence, RI. 2010-14

RESEARCH EXPERIENCE **Research Assistant.** J.Jih Studio, starting summer 2022

Research Assistant. Emerging Object w/ Virginia San Fratello, 2021

- *Designed series of 500sqft cabins for House of Smoke project to be 3D printed with novel black ash substrate.*
- *Initial development for 3D printed conference table.*

Research Specialist. MIT Media Lab w/ Neri Oxman, 2018-20

- *Silk Pavilion II: Designed and research for MoMa NY commissioned pavilion. Responsibilities: textile R&D, fabrication system design, management of final Italy production*
- *Hybrid Living Fibers: Developed bio-hybrid fibers embedded with bio-active agents, incorporating fiber production and weaving.*
- *3D Printed Textiles: Developed novel approach to multi-material 3D printed incorporating textile materials.*

Material and Surface Designer. OPT Industries, 2019

- *Concept and material development for MIT Media Lab E-14 funded Start up.*

DESIGN EXPERIENCE **Restaurant Designer, Consultant.** Dig Inn Restaurant Group, 2021

- *Remodel plan and circulation layout studies, front of house.*
- *Design and development universal shelving system for all restaurants.*

Rug Designer, Freelance. Riveria Home Furnishings, 2019-20

- *Residential rug artwork development, material and colorway selection.*

Textile Designer. Maharam, 2014-18

- *Developed customizable high traffic rug program. Working directly with mill, internal product development, sales, Q&A teams.*
- *Oversaw design and sales tracking of privacy curtain category.*
- *Managed showroom remodels, updates and annual NeoCon exhibition.*

Textile Apprentice. Sage Automotive Interiors, 2014

- *Designed automotive upholstery textile library for in-house design team. Worked directly with textile engineer and on-site weaving technicians at mill.*

Fashion Intern. Wes Gordon, 2013

- *Custom dyeing and fabric development for SS 2013.*
- *Sample sale organization and execution.*

ADDITIONAL **Columnist.** Out of Frame. Online Platform. MIT SA+P. 2022
Student Representative. MIT Architecture Student Council, 2021-22
Keanu Weaves Workshop. Festival of Learning. MIT Media Lab. 2020
Bauhaus Women in Weaving Working. MIT Media Lab and SA+P. 2019
Haystack Mountain School. Handbuilding Workshop w/ Ann Agee. 2017
Teaching Assistant. RISD Foundation Studies w/ Judy Maloney. 2011-14
Textile Department Representative. RISD Student Alliance. 2013-14
Resident Assistant. RISD Pre-College Program. 2011

EXHIBITIONS **Neri Oxman: Material Ecology.** Exhibition, Museum of Modern Art, NY. 2020
NeoCon Showroom. Maharam Design Studio w/ Leon Ransmeier. 2016, 2017
Textile Department Thesis Show. Woods Gerry Gallery, RISD. 2014
The Female Gaze Exhibition. Susan Doyle Gallery, Brown University. 2013
Textile Department Triennial Exhibition. Woods Gerry Gallery, RISD. 2012
Designing Traditions Show. Museum of Art, RISD. 2012

SKILLS

Digital

Rhino
Photoshop
Illustrator
Vray for Rhino
InDesign
After Effects
Microsoft Suites
Arduino
Blender

Textiles

Weaving: Jacquard, 24-harness floor loom, back-strap.
Knitting: Flat bed, digital
Dyeing: Natural, Acid, MX

Other

Model making and fabrication.
Photography: digital, analog
Ceramics: wheel, hand-build
Metalsmith: jewelry

HONORS

Graduate Fellowship,
MIT SA+P, 2020 - 2024

Finalist, Fast & Company Innovation Design Award, 2019

First Prize Poster Winner,
Material Research Society Conference.
w/ Mediated Matter. 2019

Textile Fellowship,
RISD Textile Dep, 2014

Winner, Fabricut Design Competition, 2013 - 2014

Scholarship Recipient,
Virginia Jackson Award, 2013

Second Place Winner, ITMA Design Competition. 2013