

## **Katherine Edmonds**

Artist, Designer, Educator  
Corvallis, Oregon  
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### **Woodworking Education**

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- 2023 Marquetry, **Center for Furniture Craftsmanship**, Rockport, ME
- 2023 Intro to Case Making, **Florida School of Woodworking**, Tampa, FL
- 2022 Steam Bending Workshop, **Port Townsend Wood School**, Port Townsend, WA
- 2022 Pyrography, **Sitka Center for Art and Ecology**, Otis, OR
- 2016 Coopering, **Anderson Ranch**, Carbondale, CO
- 2015 Furniture Intensive, **Center for Furniture Craftsmanship**, Rockport, ME
- 2012 Beginning Woodworking, **Center for Furniture Craftsmanship**, Rockport, ME

### **Academic Education**

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- 2020 Masters in Mechanical Engineering, **Oregon State University**, Corvallis, OR
- 2010 Masters in Ecology, **University of Georgia**, Athens, GA
- 2003 Bachelors in Biology, **Rhodes College**, Memphis, TN

### **Professional Experience**

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#### **Furniture Maker and Designer**

**2013 - present**

Katherine Edmonds Design - Self-Employed

- Design and build one of a kind custom pieces of furniture and home goods. Using traditional craft techniques, as well as, modern manufacturing processes and digital design. Working directly with clients to design and create pieces that meet their needs.

#### **Woodworking Educator and Partner in Community Woodshop**

**2022 - present**

Highland Woodshop, Corvallis, OR

- Mentor and supervise woodworkers in the shop, perform safety trainings, maintain and repair machines and tools. Teach community classes: Introduction to Pyrography, Introduction to Woodworking, Scroll Saw Techniques, Beginning Dovetails. Participate in business operations such as communications, marketing, and fiscal planning.

#### **Woodworking Educator and Consultant**

**2023 - present**

Mid-Valley CTE Stem Hub, Corvallis, OR

- Conducted safety trainings and team building retreats for staff, helped host a STEAM camp that included a skateboard building component, consulted on shop layout and tool purchase.

**Woodworking Educator, Program Manager, Web Designer** **2022 - present**  
**Founding Steering Committee Member**  
Tarweed Folk School, Corvallis, OR

- Collaborated with other steering committee members to do the work of creating and forming the folk school. Developed programming, events, and classes for the folk school. Created the design and layout of the folk school web page. Taught folk school classes.

**Prototype Development Lab Manager** **2018 - 2019**  
Oregon State University, Corvallis, OR

- Project management lead on multiple projects per academic term, development of conceptual designs for a range of projects from prototype development to design for manufacturing, primary client contact for technical questions and new project development, responsible for budgeting and status reporting, installation and maintenance of research and development machines.

**Shop Manager Art and Design Program** **2016 - 2018**  
Oregon State University, Corvallis, OR

- Managed and supervised students and staff in the shop, performed safety trainings, helped students come up with innovative design solutions, operated the CNC machine, laser engraver, 3D printer, maintained and repaired machines and tools.

**Woodworking Apprentice** **2015 - 2016**  
Pat Megowan, Corvallis, OR  
Richard Schrader, Athens, GA

- Assisted in completing large commissioned furniture projects. Learned blacksmithing and welding techniques. Refined joinery and hand tool techniques.

**Graduate Teaching/Research Assistant** **2017 - 2020**  
Oregon State University, Corvallis, OR

- Supervised student projects in classroom and woodshop settings, graded and evaluated student performance, assisted students in navigating the design process. Courses Taught: Introduction to Design, Advanced CAD, Entrepreneur Product Design, Product Design and Manufacturing, Renewable Materials.
- Researched ways designers can incorporate production function early into the design process. Used SQL and python to build and develop a sustainable design repository and created design tools with data from the repository to improve product design concept generation.

**Mechanical Engineering Intern** **Summer 2018**  
Hewlett-Packard, Corvallis, OR

- Worked on a team of engineers and scientists to develop new life science applications of microfluidic technology, designed rapid prototypes with 3D CAD software, built large and small scale microfluidic test systems.

**Finish Carpenter** **2013 - 2015**  
Oneta Woodworks, Athens, GA

- Worked on commercial and residential build-outs and renovations custom and reclaimed millwork, woodworking, fine furniture and design.

**Southeast Forest and Water Coordinator****2011 - 2013**

American Rivers, Athens, GA

- Researched the importance of maintaining intact hardwood forests for improved water quality, developed partnerships and collaborations with local and national environmental non-profits, ultimately produced the Forests to Faucets Report.

**Environmental Science Adjunct Professor****2010 - 2013**

University of North Georgia, Athens, GA

- Developed curriculum for lecture and lab, supervised student projects and labs, lectured in the classroom and facilitated group discussion, graded and evaluated student performance.

**Senior Wilderness Leader****2004 - 2008**

The National Outdoor Leadership School, Lander, WY

Alzar School, Cascade, ID

Jackson Hole Kayak School, Jackson Hole, WY

- Instructed backpacking, whitewater rafting, kayaking and canoeing courses, supervised fellow staff and students, maintained and taught risk management in a wilderness environment, and taught and developed technical, leadership and environmental curriculum for one month to three month long trips.

**Ski and Snowboard Instructor****2004 - 2008**

Grand Targhee Ski School, Alta, WY

Diamond Peak Ski School, Incline Village, NV

- Taught lessons to students of all ages and abilities, including students with a variety of disabilities and fit them with proper equipment to allow them to enjoy skiing or snowboarding. Participated in training and development of adaptive skiing and snowboarding skills

**Classes and Workshops**

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**Highland Woodshop**

2024	Build a Plant Propagation Station
2024 - 2023	Introduction to Woodshop
2024 - 2022	Introduction to Pyrography
2023	Assisted a Steam Bending Workshop with Yuri Kobayashi
2023	Build your own Skateboard
2023	Scroll Saw Techniques: Make a Mobile
2022	Handcut Dovetails

**Tarweed Folk School**

2024	Wooden Stool: An Exploration of Form (upcoming)
2023	Build an Angled Book Tree

**Mid-Valley STEM-CTE Hub**

2023	STEAM Camp: Build Your Own Skateboard
2023	Creativity Seminar - Staff team building training
2023	Safety Training Seminar

### **Bartow, Florida Private Workshop**

2023           Homemade Pickleball Racquet Kids Summer Camp

### **Mid-Willamette Woodworkers Guild**

2023           Marquetry Presentation

2016           Coopering Presentation

### **Oregon State University (Graduate Teaching Assistant)**

2019 - 2020   Introduction to Design

2019           Mechanical Engineering Design Capstone

2017 - 2018   Entrepreneurial Product Design I & II

2018           Secondary Product Design and Manufacturing

2018           Timber Tectonics in the Digital Age

2018           Wood Science: Art and Design Capstone

2018           Advanced Computer Aided Design

2017           Wood Machining I-III

2017           Computer Aided Design

2016           Woodworking for Art and Design

### **Scholarships and Awards**

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2023   Florida School of Woodwork

2022   Port Townsend School of Woodwork

2016   Anderson Ranch

2012   Center For Furniture Craftsmanship

2008   Butler Fellowship University of Georgia

### **Selected Exhibitions and Shows**

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2022   South Town Art Walk, Corvallis, OR

2022   38th Annual Fine Woodworking Exhibition, Mid-Willamette Woodworkers Guild, Corvallis, OR

2018   35th Annual Fine Woodworking Exhibition, Mid-Willamette Woodworkers Guild, Corvallis, OR

2018   College of Forestry Woodworking Show, Oregon State University - Awarded Best Skill

2018   Philomath Open Studios, Philomath, OR

2018   A Gathering of Artists, LaSells Stewart Center, Corvallis, OR

2017   Annual Community Art Show, La Sells Stewart Center, Corvallis, OR

2017   34th Annual Fine Woodworking Exhibition, Mid-Willamette Woodworkers Guild, Corvallis, OR

2017   Fish and Fish Habitat Exhibit, La Sells Stewart Center

2015   The Indie South Show, Athens, GA

### **Professional affiliations**

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2023 - Present       Oregon Siblings Leadership Network - Founding Board Member

2022 - Present       Tarweed Folk School - Steering Committee Member

2017 - Present       Furniture Society

2017 - Present       Mid-Willamette Woodworkers Guild