

amanda k. henderson

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education

CARNEGIE MELLON UNIVERSITY

May 2010 | QPA 3.68/4.0 | College Honors

BFA, Industrial Design | Photo Minor

UNIVERSITY OF ILLINOIS: UIUC

August 2018 | GPA/QPA 4.0

MFA, Industrial Design

experience

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Lecturer + Senior Design Strategist | January 2018 - present | Champaign, IL

Teaching, leading, and practicing human-centered design at Siebel Center for Design at UIUC. Creating workshops to engage and inspire the multidisciplinary campus community. Building a project portfolio focused on the experiential design of campus engagements.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Experience Design Strategist | August 2018 - present | Champaign, IL

Researching, reimagining, and redesigning collaborative workspaces and gathering areas within The Beckman Institute for Advanced Science and Technology.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Graduate Designer in Residence | June 2017 - July 2018 | Champaign, IL

Researching, reimagining, and redesigning collaborative workspaces and gathering areas within The Beckman Institute for Advanced Science and Technology.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Graduate Instructor of Record | August 2016 - Present | Champaign, IL

Teaching design process, conceptualization, and material craft. Creating project, coordinating lesson plans, and guiding students through a hands on process towards attaining knowledge and skills that meet course objectives. Courses: Art Foundations ARTD103: Fundamentals of 3D Craft, Industrial Design Studio ARTD201, Industrial Design Studio ARTD202, and Industrial Design Studio 201+ 202: Supplementary Workshop

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Research Assistant | September 2016 - May 2017 | Champaign, IL

Collaborating on an NSF funded project: GRASP (gesture augmented simulations for supporting explanations). Providing design insight to create an improved user experience.

TAYLOR STUDIOS INC

Exhibit Designer | February 2011-March 2015 | Rantoul, IL

Created exceptional exhibits for museums and nature centers designed to engage and educate visitors. Lead or collaborated with a team to develop exhibit experiences through all stages of the design process.

PERFECT IMAGE CAMERA REPAIR

Retail Designer | December 2010-February 2011 | Lancaster, PA

Conceptualized a new retail environment for a growing company; proposed material specifications, floor plan and consumer experience.

CARNEGIE MUSEUM OF NATURAL HISTORY

Exhibit Designer | January 2010-October 2010 | Pittsburgh, PA
Designed, budgeted and fabricated an experimental exhibit aimed at creating a unique museum experience. Collaborated with museum directors and other recent graduates to create a cohesive and innovative exhibit.

ATOMIC DESIGN INC

Intern | Summer 2007, 2008, 2009 | Lititz, PA
Implemented a working media database, designed scenic assembly instructions, created prototypes and organized company records.

courses taught

ArtD103: Foundations | Fall 2016
ArtD 201+202: Sophomore Supplementary Workshops | Fall 2016 + Spring 2017
ArtD201: Industrial Design 1 | Fall 2016
ArtD202: Industrial Design 2 | Spring 2017 + Spring 2018
TE 401: Intro to Design Thinking | Spring 2019 | Fall 2019 | Spring 2020
TE 401: Design Thinking for Women's Health + Wellbeing | Fall 2019

invited critic

ArtD328 Human-Centered Product Design | Fall 2016 + Fall 2017
ArtD471 Graphic Design Capstone | Spring 2018
ArtD448 Professional Design Practice | Spring 2018
ArtD351: Graphic Design Inquiry | Fall 2018

conference proceedings

The Preemie Pod: A Wearable Incubator Designed for Premature Infants to Engage in Kangaroo Care

Henderson, A. & McDonagh, D. | Poster (2017) | Rome, Italy
12th European Academy of Design Conference:
Design for Next, 12th-14th April, 2017

Designing Physical Interventions to Improve Gestural Interactions with Science Simulations

Henderson, A. & Lindgren, R. | Short Paper/Poster (2017) | Cincinnati, OH
International Association of Societies of Design Research
Conference: Re: Research 1st-3rd October, 2017

grants

Health Make-a-thon Carle Illinois College of Medicine

Henderson, A. | \$10,000 Grant | Champaign, IL
Preemie Pod Project UIUC, Spring 2019

A New Framework for Implementing Collaboration Among Designers and Educational Researchers

Lawrence, L. (PI) & Henderson, A. (Co-PI) | \$1,000 Grant | Champaign, IL
O'Leary Learning Center UIUC, Spring 2018

recognition + awards

Health Maker Lab Winner for 'Preemie Pod' Product

\$10,000 | Spring 2019 | Carle Illinois College of Medicine

Beckman Institute Student Researcher of the Week

Spring 2018

Art + Design Graduate Event Travel Award

\$410 | October 2017

Graduate College Conference Travel Award

\$350 | April 2017

Art + Design Avery Fellowship

\$10,000 | Fall 2015 + Spring 2016 | UIUC Graduate Funding

Carnegie Mellon University Dean's List

Spring 2007 | Fall 2007 | Spring 2008 | Spring 2009 | Fall 2009 | Spring 2010

NAI Media Awards

2014 | Digital Media | First Place

press

**Beckman Design Project also Provides Data, Inspiration
for MFA Thesis Project**

Beckman Institute Website + UIUC Graduate Studies Website | Spring 2018

Illinois Cancer Center: What's In A Space?

Pathways Magazine | Fall 2017

Science & Nature: 'Winging It'

Carnegie Magazine | Fall 2010

Carnegie Museum 'Radical Step Forward'

Pittsburgh Post-Gazette | Fall 2010

Avian exhibit helps a career take flight

Carnegie Mellon Design | Spring 2011

recognition + awards

Teaching Excellence Award by a Graduate Student

University of Illinois Urbana-Champaign | May 2018

UIUC Teachers Ranked as Excellent

Fall 2016 | Spring 2017 | Fall 2017

"Tell me what is it you plan to do
with your one wild and precious life?"

MARY OLIVER | THE SUMMER DAY