

amanda k. henderson

contact

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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

ANDCULTURE, AIP LABS

Senior Research Designer | August 2021 - present | Harrisburg, PA

Leading human-centered research projects to align brand experiences with audience needs, attitudes, and behaviors.

Elevating project outcomes through research and consideration of the physical, digital, and temporal experiences of the client's product, service, or event.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

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

Researching and reimagining educational experiences, collaborative workspaces, and gathering areas within The Beckman Institute for Advanced Science and Technology to fulfill the mission, vision, and values of the institute.

Developing the physical and digital experiences of the Molecule Maker Lab Institute (within Beckman), as part of an NSF funded grant.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Lecturer + Senior Design Strategist | October 2018 - May 2021 | 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.

Courses: Intro to Design Thinking TE401, Design Thinking for Women's Health and Well-being, Design Thinking for a Campus Space

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 - May 2018 | Champaign, IL

Teaching design process, conceptualization, and material craft. Creating projects, 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 insights to create an improved user experience and more efficient data collection.

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. Researched and conceptualized thematic healthcare environments as a new business opportunity.

PERFECT IMAGE CAMERA REPAIR + BERT'S BOTTLE SHOP

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 mapping.

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
Fall 2020 + Spring 2021

TE 401: Design Thinking for Women's Health + Wellbeing | Fall 2019

ARTD299: Design Thinking for a Campus Space | Spring 2021

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 Premie 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

**Prof. Deana McDonagh and alumna Amanda Henderson
use empathy to reimagine the east wing of Beckman**
Beckman Institute Website + School of Art and Design Website | Spring 2021

**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 | Spring 2018 | Fall 2020 | Spring 2021

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

MARY OLIVER | THE SUMMER DAY