

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

Graduation May 2018 | Current QPA 4.0

Anticipated: MFA, Industrial Design

experience

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Designer in Residence | June 2017 - 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 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.

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

conference proposal submissions

The Preemie Pod: Providing Opportunities for Parents to Assist in the Care of Preterm Infants

Henderson, A. & McDonagh, D. | Paper | Limerick, Ireland
Design Research Society Conference 2018: Catalyst,
25th-28th June, 2018

Empathy Economy: Designing for Aging Consumers

McDonagh, D., Henderson, A. & Woodcock, A. | Paper | London, England
The 20th International Conference on Engineering and
Product Design Education, 7th-8th September, 2018

grants

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

UIUC Teachers Ranked as Excellent

Fall 2016 | Spring 2017

Art + Design Graduate Event Travel Award

\$410 | October 2017

Graduate College Conference Travel Award

\$350 | April 2017

Art + Design Avery Fellowship

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

Pathways | Illinois Cancer Center: What's In A Space? | Fall 2017

Carnegie Magazine | Science & Nature: 'Winging It' | Fall 2010

Pittsburgh Post-Gazette | Carnegie Museum 'Radical Step Forward' | Fall 2010

Carnegie Mellon Design | Avian exhibit helps a career take flight | Spring 2011

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

MARY OLIVER | THE SUMMER DAY