

# 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

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

publication in progress

**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

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

invited critic

ArtD328 Human-Centered Product Design | Fall 2016 + Fall 2017

ArtD471 Graphic Design Capstone | Spring 2018

ArtD448 Professional Design Practice | Spring 2018

recognition + awards

**UIUC Teachers Ranked as Excellent**

Fall 2016 | Spring 2017 | Fall 2017

**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

*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