

I. GENERAL INFORMATION

Education

- 2015 Master of Industrial Design (MID) Iowa State University
Department of Industrial Design
- 2011 Bachelor of Fine Art (BFA) Iowa State University
Furniture, Photography, and Engineering

Professional Experience

- 2025 - Associate Professor, School of Art & Design, University of Wisconsin - Stout
- 2020 – 2025 Associate Teaching Professor Iowa State University Industrial Design Department
Director of Undergraduate Education 2024- 2025
Curriculum Chair 2022-2025
- 2015-2020 Assistant Teaching Professor/Lecturer Iowa State University Industrial Design Department
Sophomore Year Coordinator 2015-2018
- 2017 – Designer/ Co- founder Neubauer Designs Product and Graphic Solutions Ames, Iowa
- 2012-2015 Graduate Assistant, Iowa State University Industrial Design Department, College of Design
Materials and Manufacturing class and Shop Safety Monitor
- 2010- 2015 Instructor, Memorial Union Workspace Iowa State University Dark Room Photography and
Woodshop
- 2010-2013 Furniture Designer Iowa Prison Industries Des Moines, Iowa

II. SCHOLARSHIP

Publications

- 2017 Dan Neubauer. Pete Evans. Verena Paepcke-Hjeltness. Betsy Barnhart. 2017 Virtual Reality: A Design Methodology. IDSA International Design Conference Education symposium. <http://www.idsa.org/educationpaper/virtual-reality-design-methodology>

Conference Proceedings – Peer Reviewed

- 2017 Daniel Neubauer, Verena Paepcke-Hjeltness, Pete Evans, Betsy Barnhart & Tor
Finseth (2017) Experiencing Technology Enabled Empathy Mapping, The Design
Journal,20:sup1, S4683-S4689, DOI: 10.1080/14606925.2017.1352966

- 2024 Making Futures – Beyond Objects, Materiality at the edge of making. Arts University Plymouth, UK.
Nurturing Ecological Stewardship in Industrial Design Education

Workshop Development

- 2017 12th European Academy of Design Conference 2017
Design for Next; La Sapienza University, Rome, Italy
Virtual Reality, A Design Methodology workshop

Conference Presentations – Peer Reviewed

- 2025 Nineteenth International Conference on Design Principles & Practices Lasalle College of Arts, Singapore.
The Role of Bio-based Materials in Education: Hands on Investigation with DIY Non-petroleum
Based Materials.
- 2024 Making Futures – Beyond Objects, Materiality at the edge of making. Arts University Plymouth, UK.
Nurturing Ecological Stewardship in Industrial Design Education
- 2024 Beauty Investigated: Dilemmas, Projects, and Promises. Beauty and Material Culture Symposium Panelist
and Moderator.
- 2021 Global Conference on Sustainability in Higher Education – Rethinking Covid Plastic Barriers. Dan Neubauer,
Merry Rankin, Ayondeji Oluwalana. On-Demand Educational Session
- 2020 Architecture Media Politics Society – Experiential Design, Rethinking relationships between people,

objects, and places. Florida State University, Tallahassee, Florida Industrial Design x Iowa State Police Department

2017 IDSA International Design Conference 2017: Design is Business Education Symposium Atlanta, Georgia
USA Virtual Reality, A Design Methodology

Invited Lectures and Presentations

2015 National Alliance for Broader Impacts Summit 2015
University of Wisconsin Panelist on expanding research through University Extension

Media Presentations, News Notes, Editorials (about and by), etc.

2018 Rosacker, Erin. "Students Repurpose Road Signs into Commercial Products." Students Repurpose Road Signs into Commercial Products, Iowa State University, 28 June 2018, www.inside.iastate.edu/article/2018/06/28/ipi.

Awards and Honors

2019 Will Prindle Award for Excellence, Iowa State University, College of Design

2023 Impact Award – demonstrated impact in emphasizing the need to be creative and inclusive, people-centered, and organized to create an environment for success within the College of Design.

Graduate Student Committee Member

Jacob Martin, MID 2021

Ethan Anderson, MID 2023

Elizabeth Reeves, MFA 2023

Lexi Young, MID 2024

Fourough Moheb Elahi, MID 2025

Undergraduate Advising

General Advising for 200 Undergraduate Students on the topics of:

- Student's career and personal goals
- Provide students with an understanding of the major discipline and its options and how they intersect with the students' interests and goals.
- Discuss content of major courses and how they connect to:
 - Prerequisite courses
 - Skill development
 - Career goals
 - Life goals
 - Graduate work
- Discuss minors and elective courses that provide relevant connections to the students academic and career interests
- Reinforce the academic strategies necessary to be successful in the major and discuss available resources
- Discuss students' opportunities related to the discipline and how they can fit within an academic plan.
- Undergraduate research, student organizations, study abroad, honors, and scholarships.
- Discuss preparation for post-graduation opportunities

Student Awards

Davi Patterson, 2024 International Housewares Association Inspired Home Student Design Competition runner up

Emily Goergen, 2022 International Housewares Association Inspired Home Student Design Competition runner up

Student Organizations

2024 - 2025 ISU Repair Café. Mentor

2017 – 2019 Competitions Collaborative Club. Faculty Advisor

Curricular Development

2024 - 2025 Director of Undergraduate Education

Collaborated with the departmental cabinet and chair to align course offerings with faculty expertise and student needs. Assisted in coordinating advisory council activities and implementing curriculum initiatives. Led departmental evaluations to optimize educational programs and enhance student outcomes.

2022 – 2025 Industrial Design Curriculum Chair

Coordinated the departmental transition to the Workday academic catalog system. Collaborated with the curriculum committee to enhance studio and lecture instruction, implemented a required studio component for each semester of enrollment. Guided the committee through comprehensive catalog revisions to align curriculum with evolving student needs and industry demands. Managed departmental growth, balancing faculty expertise and research with NASAD requirements, while strategically positioning the department for future expansion opportunities. Guided the faculty through the creation and implementation of a number of dedicated core classes to help fortify student skills in Industrial Design Sketching and model making.

2018-2024 Junior Year Coordinator

Orchestrated the alignment of four junior-year studio projects and three lecture courses, synchronizing teaching materials and learning outcomes. Strategically coordinated deliverable dates across courses to optimize student time management and enhance overall academic performance.

2015-2018 Friday Module Coordinator

Developed and implemented a series of Friday skill-building modules for undergraduate and graduate industrial design students. These sessions complemented faculty research interests and filled curriculum gaps, at a time where faculty numbers were sparse and the dedicated classes had not been written yet, by teaching practical skills such as marker rendering, perspective construction, rapid modeling, and software proficiency. Organized diverse workshops including virtual reality, sketch-noting, and portfolio building, enhancing students' technical abilities and industry readiness.

2015-2019 Sophomore Year Coordinator

Led the integration of four sophomore-year studio projects with three lecture courses, aligning teaching materials and learning outcomes. Strategically coordinated deliverable schedules across courses to enhance student time management and optimize academic performance.

Course Development:

- INDD 301 Industrial Design Studio III

The objective of this course is to introduce and practice methods that allow for reliable and repeatable creative outputs. This course presents the principles of design methodology that guide the creation of products, communications, environments, and services throughout the design lifecycle. The course also partners with existing companies research areas and allow students to create viable solutions for these product/ system/ service areas.

- INDD 592 Industrial Design Studio - Summer 2018

Through connections with a previous employer, INDD 592, attempts to bring some real world projects to the students. This summer studio allowed 20 students the opportunity to work with Iowa Prison Industries and design functional furniture objects for outdoor installation by utilizing reclaimed aluminum sign material. Students were led through cradle to cradle design philosophy and then allowed to tour the manufacturing facilities in Anamosa State Penitentiary. The resulting designs from the course were voted upon by inmates and staff of IPI. Two concepts from the class are now in process of being manufactured and implemented into IPI's product line.

<https://www.inside.iastate.edu/article/2018/06/28/ipi>

- INDD 334/360 Materials and Manufacturing for Product Design - ONLINE

This is an online survey course that covers material overviews of: Wood, metal, glass, ceramic, plastics, bio materials, nano-scale materials, and composites. The course also covers common manufacturing techniques as they relate to each of the materials. The course spends time to cover new rapid prototyping and manufacturing options, and also includes a tour to local manufacturing facilities (rotating locations).

- INDD 302 Advanced Topics in Industrial Design Studio

This studio is an optional class that engages students with an outside entity and allows the students to

continue practice of the full user centric design process.

Past outside entity collaborations with and without sponsorship include: Courage League Sports – Adaptive Play, Mary Greely Hospital – Infection Prevention, ISUPD – High Performance Police Gear, Drake University Occupational Therapy Department – Assistive Devices, Child Serve of Iowa – Pediatric Medical and Assistive Device, ISU Veterinary Medicine – Veterinary Medical Device, Bio based and regenerative materials, Iowa DNR and Iowa State University Office of Sustainability

- INDD 402 Design for Social Impact

Advanced topics focused on industrial design applications in service-learning and community engagement projects. This course aims to equip students with the knowledge, skills, and ethical considerations necessary to apply industrial design principles in service-learning contexts, preparing them for careers that contribute to social innovation and community development.

IV. EXTENSION / PROFESSIONAL PRACTICE / ENGAGEMENT

Service Related to Extension / Professional Practice / Engagement

2021- 2025 Student Design Consultancy Manager. Managed client relations, project timelines, and objectives for student design consultants across multiple projects. Secured ongoing funding, primarily working with the Iowa State Research Foundation and Office of Commercialization. Collaborated with ISU inventors and patent holders to develop viable prototypes, facilitating continued research and additional funding rounds.

2021-2022 Vibration Harvesting for untethered power to internet of things sensors for heavy equipment. \$2000 funded

2021- Dr. Tin-shi Tam, Music. Mobile Carillon bell dampening system. Working collaboratively with Music and Mechanical Engineering departments to design and develop a dampening system for large brass bells on a carillon to allow for accompaniment in recitals. \$1000 funded

2022- Dr. Megan Brady, Kinesiology. Meniscus teaching model for clinical students to understand accurate feeling of tears and meniscus damages. Creating a true to life in feeling an articulating knee model with cartilage, tendons, and meniscus. \$8000 funded

2022- 2025 Dr. Maria Clavijo, Swine Veterinary Diagnostic Lab ISU, Tracheal swab for Mycoplasma Pneumoniae in swine production facilities. \$6000 funded

2024- 2025 Collaboration and continued communication with Canyon Coolers with the intent of developing a sponsored studio

2023 - 2025 Collaboration and continued communication with Rawlings Sports Equipment based upon future projects for INDD 401 F2023

2020 - 2025 Collaboration and continued communication with ISU Office of Commercialization and the Iowa State Research Foundation based upon past and future projects for the Industrial Design Student Design Consultancy

2020 - 2025 Collaboration and continued communication with ISU Office of Sustainability (FP&M) and Iowa Department of Natural Resources based upon past and future projects for INDD 302 S2021

2020 - 2025 Collaboration and continued communication with Aeron Lifestyles Technology based upon past and future projects for INDD 490 S2022 and INDD 593 F2022

2018 - 2025 Collaboration and continued communication with Iowa State Police Department based upon past and future projects for INDD 499 S2019 and INDD 302 S2020

2018 - 2025 Collaboration and continued communication with Drake University Occupational Therapy Department based upon past sponsored project for INDD 302 S2019

2018 - 2025 Collaboration and continued communication with Kreg Tool Company based upon sponsored project for INDD 301 F2019

2018 - 2025 Collaboration and continued communication with Tennant Company based

- upon past sponsored project for INDD 301 F2018
- 2017 - 2021 Collaboration and continued communication with Courage League Sports based upon past sponsored project for INDD 302 S2018 and S2019
- 2017 - 2020 Iowa Agri-tech Accelerator, Startup incubator. Product Development Mentor

V. INSTITUTIONAL SERVICE

University Service

- 2016 - 2025 Focus Grant Committee, Iowa State University

College Service

- 2022 - 2025 Academic Affairs Council
- 2022 - 2024 Innovation and Entrepreneurship Fellow
- 2022 - 2023 AVC Wood Media search committee member
- 2021 - 2024 Design Closet committee member
- 2018 - 2022 Awards and Scholarships Committee, College of Design
- 2015 - 2022 Lectures and Exhibitions Committee, College of Design

Departmental Service

- 2024 - 2025 Director of Undergraduate Education
- Spring 2023 Chair of Term faculty Ad-hoc P&T committee
- 2022 - 2025 Industrial Design Curriculum Chair
- Spring 2022 Design and build of 14 desk displays for Industrial Design
- 2021 - 2022 IndD Open rank faculty search committee
- 2019 - 2021 Peer to Peer Design Coaches. Coordinator
- 2017 - 2021 Armory Output Center Manager
- 2015 - 2025 Curriculum Committee, Industrial Design Department