

Scott Shim
Professor of Industrial Design
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ACADEMIC APPOINTMENT

2016.7~ present	Professor Industrial Design University of Notre Dame South Bend, Indiana
2021.7~ 2024.6	Chair Department of Art, Art History & Design University of Notre Dame South Bend, Indiana
2010.9~ 2016.6	Industrial Design Program Coordinator/ Associate Professor Department of Design The Ohio State University Columbus, Ohio
2009.9~ 2010.8	Associate Professor Department of Design The Ohio State University Columbus, Ohio
2007.8~ 2009.8	Associate Professor Patti and Rusty Rueff Department of Visual and Performing Arts Purdue University West Lafayette, Indiana
2003.1~ 2007.7	Assistant Professor Patti and Rusty Rueff Department of Visual and Performing Arts Purdue University West Lafayette, Indiana

PROFESSIONAL APPOINTMENT

2005.11~ present	Principal Designapkin Granger, Indiana
2001.1~2002.12	Senior Designer Daewoo Electronics Design Center Seoul, Korea
1997.7~2000.12	Junior Designer Daewoo Electronics Design Center Seoul, Korea

1995.3~ 1996.12 Designer
Beyond Design
Chicago, Illinois

EDUCATION

1995.9~ 1997.5 Master of Arts- Industrial Design
The Ohio State University
Design Development

1992.5~ 1995.5 Bachelor of Fine Arts- Industrial Design
University of Illinois at Chicago
Product Design

MEMBERSHIP

2003.1 ~ present Industrial Designers Society of America (IDSA)
Professional Member

AWARDS & RECOGNITIONS OF DESIGN WORK

2018 International Design Award
Silver A' Design Award
A1 Design Award Competition (259 winning work out of 4,500 entries)
Work title: SLID- disposable coffee lid
SLID is a drink-through disposable lid with an angled-design that improves the flow of hot drinks and offers ergonomic references to prevent direct contact between the hand and the drinking hole.

International Design Award
Finalist
International Design Excellence Award (ranked in top 35% of 1,300 entries)
Herndon, VA
Work title: SLID- disposable coffee lid

2015 International Design Award
Iron A' Design Award
A1 Design Award Competition (940 winning work out of 15,000 entries)
Work title: Maze hairbrush
MAZE hairbrush is designed to conveniently remove trapped and tangled strands of hair, thus solving the fundamental maintenance problem of a hairbrush.

International Design Award
Green Selection (Top 97 work out of 400 entries from 21 Countries)
Green Product Award
Work title: Maze hairbrush

- 2014 International Design Award
Professional Notable Work (Top 5 work in the Service Design Category)
2013 Core77 Design Award
Work title: “Your Pizza, Your Way”
“Your Pizza- Your Way” is a service solution for the made- to- order restaurants that eases the jitters of reading the menu board, remembering the details of the order, then communicating the information with people standing in line that commonly instigates problems.
- 2013 National Design Award
Final Four Ideas
Big Ideas for Health- Wexner Medical Center
Work title: Child Resistant Spray Bottle
The dual nozzle mechanism enables one-handed operation by an adult, while making the sprayer almost impossible to use by a small child that automatically locks upon releasing a lever that blocks the trigger.
- International Design Award
Concept Finalists
Red Dot Design Award
Work title: Child Resistant Spray Bottle
- 2010 International Design Award
Winning Work (54 winners out of 756 entries from 54 counties)
Opus Eyewear Design Competition
Eyetec Co., Ltd.
Work title: Pilot
Pilot is a navigation eyewear that assists users with directions without taking their eyes off the road. Users benefit through simplified visual cognition that minimizes distractions while operating a vehicle.
- 2009 International Design Award
Bronze Award (Top 10% of 1631 entries from 56 countries)
2009 Industrial Design Excellence Award
Industrial Designers Society of America
Work title: Teaser
TEASER is a next generation cookbook that offers taste sampling. TEASER assists users to identify the taste before they cook and avoid food waste by eliminating the dishes that conflict with their appetite.
- International Design Award
Finalists (Top 30% of 1631 entries from 56 countries)
2009 Industrial Design Excellence Award
Industrial Designers Society of America
Work title: Umboo
Umboo is an ecologically sustainable bamboo umbrella focused on simplicity and reliability. The main shaft is steam bent into the classic curvature of an umbrella while a recycled fabric canopy is stretched over the arms.
- 2007 International Design Award
Winning Work (54 winners out of 756 entries from 54 counties)
Opus Eyewear Design Competition
Eyetec Co., Ltd.
Work title: Pulse

Pulse eyewear relieves headaches and offers relaxing experience by stimulating acupuncture pressure points on the ear gate.

International Design Award

Top 60 Winning Works

Well Tech Award 2007

WELL TECH

Work title: Shift Bicycle

Shift Bicycle helps children learn how to ride a bike on their own. Unlike traditional training wheels that simply prevent the bicycle from tipping, the Shift bicycle assists children to learn balance on their own.

EXHIBITED DESIGN WORK

2024 International Exhibition

Tangshan International Invitational Exhibition

North China University of Science and Technology

Work title: SLID

2023 International Exhibition

The Korean Society of Design International Fall Invitational Exhibition

Seoul, Korea

Work title: Impression

2018 International Permanent Exhibition

Hebei Design Center and Museum

Shijiazhuang, China

Work title: SLID

International Travel Exhibition

Work title: SLID

New Delhi, India - September 21-22

Xiong'an, China - October 9-10

Shenzhen, China - November 5-7

2016 International Design Exhibition

Festival of Architecture and Interior Designing conference

Mumbai, India

Work title: Maze hairbrush

2015 International Design Exhibition

Green Product Award Exhibition at International Industrial Design Fair

Shenzhen, China

Dates: 6-8 November 2015

Work title: Maze hairbrush

International Design Exhibition

A' Winners' Exhibition at "MOOD" Dublin Castle

Dublin, Ireland

Dates: 1-30 October 2015

Work title: Maze hairbrush

International Design Exhibition

A' Winners' Exhibition at Hometex

Amsterdam, Netherlands
Dates: 21-23 September 2015
Work title: Maze hairbrush

International Design Exhibition
A' Winners' Exhibition at "MOOD" Ex Chiesa di San Francesco
Como, Italy
Dates: 18-25 April 2015
Work title: Maze hairbrush

2013 International Design Exhibition
4th Annual IDEF Conference
Nanjing University of Science and Technology
Work title: Intouch web-camera

2012 National Design Exhibition
The world's largest buckeye necklace display case
Stefanie Spielman Comprehensive Breast Center
Columbus, OH

2009 International Exhibition
2009 International Forum of Industrial Design Education
Nanjing University of Science & Technology
Nanjing, China
Work title: Teaser

2008 International Exhibition
2008 Design Olympiad Seoul
Seoul Metropolitan Government
Seoul, Korea
Work title: Soul Tree & Ginkgo

INVENTIONS AND PATENTS

2015 NOVUS Dental Hygiene device T2015-259
Currently under review by TCO- IDF969766
Inventors: Scott Shim, Damian Lee

2014 A Child-Resistant Lock for a Trigger Spray Mechanism T2012-022
Issued US- 8,757,447
Inventors: Scott Shim, Carol Gill, Thornton Lothrop, Blain Lilly

2012 MAZE Hair Brush T2012-110
Issued US- 8,857,005
Inventors: Scott Shim, Morris Koo

2009 SHIFT Bicycle
Issued US- 7,481,443
Inventors: Scott Shim, Ryan Lightbody, Matt Grossman

PUBLICATION OF DESIGN WORK

2024 Tangshan International Invitational Exhibition
Exhibition Catalog

- 2023 The Korean Society of Design International Exhibition Catalog
Selected design work of Fall Invitational Exhibition
- 2015 Green Product Book No.2
Winning works of 2015 Green Product Award
- 2013 Everything Matters: Research
Designing a safer, child-resistant spray bottle
Nationwide Children's Hospital
2012 Fall Issue
- OnCampus- The Ohio State University Faculty Staff Newspaper
A revolutionary enhancement
November 15th Issue, page 7
- 2012 Design Innovations
Industrial Designers Society of America
Dulles, VA
2012 Fall Issue

RESEARCH FUNDING

a) Funded research as principal investigator

- 2011 Government Research Grant
Ohio Department of Natural Resources/ Davey Institute
Amount: \$10,000
Contribution: 100%
Project description: The Ohio State University industrial design students will explore sustainable design solutions related to urban forestry. The project will encompass service and management strategy as well as potential product solutions that may invite business interest in the future.
- 2010 Industry Research Grant
Honda Motors America
Amount: \$71,000
Contribution: 100%
Project Description: Addressing new opportunities in Honda interior console design through understanding the future customers: College students. The design team will focus on their culture and lifestyle tangibles with ethnographic co-design research methods.

b) Funded research as co-investigator

- 2014 Industry Research Grant
Honda Motors America/ CoGrow Lab
Amount: \$199,739
PI: Liz Sanders
Co-PI: Scott Shim, Carol Gill, Scott Denison
Contribution: 35%
Project description: Exploration and experimentation in human-centered design that will be addressed through co-creation between Honda's CoGrowLab and the Design Department at The Ohio State University.

2012 Industry Research Grant
 Nationwide Children's Hospital
 Amount: \$80,000
 PI: Lara McKenzie
 Co-PI: Scott Shim, Carol Gill
 Contribution: 30%
 Project description: Identify design opportunities and develop an innovative child-resistant spray bottle that can reduce the house hold accidents revealed by studies at the Nationwide Children's Hospital.

c) Funding received for academic work

2022 Corporate sponsorship
 Notre Dame Industry LAB
 Amount: \$6,000
 Project description: Advancing Michiana Regional Manufacturing and enhancing LIFT network.

2017 Corporate sponsorship
 Electrolux
 Amount: \$10,000
 Project description: Integrated experience solutions for multicultural culinary Activities

2015 Corporate sponsorship
 LG Electronics USA
 Amount: \$15,000
 Project description: Developing conceptual user journey map based on Xennials Lifestyle Research

2010 Corporate sponsorship
 Radio Flyer
 Amount: \$10,000
 Project description: Investigate variety of ride-on concepts around four critical topics that are closely related to a pleasant ride experience: Control, movement, speed and balance.

2008 Corporate sponsorship
 Hasbro
 Amount: \$8,000
 Project description: Developing future toy concepts within the overarching theme of 'Retro prospect'.

 International travel grant
 Purdue University/College of Liberal Arts
 Amount: \$1,400
 Project description: Supporting international scholarly activities for faculty.

PUBLISHED PAPERS AND ARTICLES

a) Peer-reviewed journal publication

2019 Agile Strategy in the Era of Disruptive Innovation
 Dong-A Business Review Volume 264
 Article title: Contextual Application of Design Thinking

2015 Journal of Retailing and Consumer Services
 Authors: Frances Gunn, Scott Shim, Jungkun Park
Consumer Acceptance of a Revolutionary Technology-driven Product: The Role of Adoption in Industrial Design Process

b) Papers in proceedings

2024 International conference on Human Factors in Design, Engineering, and Computing
 Honolulu, Hawaii
 Authors: Scott Shim
 Contribution: 100%
Human-centered approach in Design Curriculum Development

2020 International Conference on Interdisciplinary Practice in Industrial Design
 San Diego, CA
 Authors: Scott Shim
 Contribution: 100%
Designing an experience ecosystem on campus

2018 International Conference on Interdisciplinary Practice in Industrial Design
 Orlando, FL
 Authors: Scott Shim
 Contribution: 100%
Design Education as an inclusive pedagogy

2014 American Institute of Graphic Arts (AIGA) Educators Conference
 Portland, OR
 Authors: Susan Melsop, Peter Chan, Scott Shim
 Contribution: 20%
Intersections in Interdisciplinary Collaborations

2013 Industrial Designers Society of America (IDSA) Education Symposium
 Chicago, IL
 Authors: Susan Melsop, Scott Shim, Peter Chan
 Contribution: 40%
Developing a Collaborative Design Course to bridge the gap between traditional design disciplines in an undergraduate design program

10th International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders
 Busan, Korea
 Authors: Jangwhon Yoon, Ali Shiekhzadeh, Scott Shim
 Contribution: 30%
Effect of pushing, pulling and twisting direction on the maximal output and the grip force

2012 19th Recent Advances in Retailing & Service Science
 Vienna, Austria
 Authors: Scott Shim, Jungkun Park
 Contribution: 70%
The role of consumer in NPD: Testable-printer using ICT and consumer adoption process

2011 13th Annual International conference on Engineering and Design Education
 City University London, UK

Authors: Carol Gill, Liz Sanders, Scott Shim
Contribution: 30%
Prototypes as inquiry, visualization and communication

c) Unpublished scholarly presentations

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| 2024 | Guest Lecturer
The Future of Design Education
Carnegie Mellon University
Pittsburg, PA |
| 2023 | Poster Presentation
Experience design in the social ecosystem
International Conference on Interdisciplinary Practice in Industrial Design
San Francisco, CA |
| 2022 | Panel Discussion Speaker
Designing Brand Attributes
Institute for luxury brand management/ Hanyang University
Seoul, Korea

Invited Speaker
Service Design Thinking
Hazzys Brand Revitalization Lecture Series
Seoul, Korea |
| 2019 | Invited Presentation
Human-Centered approached in Digital Ecosystems
Samsung Electronics
New York, NY |
| 2018 | Keynote Speaker
Agile Strategy in the Age of Digital Disruption
Dong-A Business forum2018
Seoul, Korea

Invited Lecturer
Human-centered Approach in Luxury Design
Annual Hanyang Global Band Marketing forum
Seoul, Korea |
| 2017 | Panel Discussion Speaker
Student Merit Award Discussion
2017 IDSA/Eastman Education Symposium
Atlanta, Georgia |
| 2016 | Panel Discussion Speaker
Tenure and Promotion
2016 IDSA/Eastman Education Symposium
Detroit, Michigan |

2015	Guest Lecturer Contextual Application of Design Thinking Dankook University Gilheung, Korea
	Keynote Speaker Design Daze- The future of Design Purdue University West Lafayette, Indiana
2014	Guest Lecturer Design as a narrative strategy University of Notre Dame South Bend, Indiana
2012	Workshop Facilitator Design research and application methods Nanjing University of Science and Technology Nanjing, China
	Guest Lecturer Front-end Thinking of Design Process Kyunggi University Suwon, Korea
	Guest Lecturer Front-end Thinking of Design Process University of Seoul Seoul, Korea
2009	Keynote Speaker What is Design Thinking? International Forum of Industrial Design Education Nanjing, China
	Paper Presenter International Conference on Mechanical Engineering and Mechanics Beijing, China
2008	Paper Presenter National Collegiate Inventors and Innovators Alliance Conference Dallas, Texas
	Guest Lecturer Practical application of ethnographic research in design Kyunghee University Seoul, Korea

Guest Lecturer

Practical application of ethnographic research in design
Korea Advanced Institute of Science and Technology
Daejeon, Korea

Guest Lecturer

Design management education
Kunkook University
Seoul, Korea

2007

Keynote Speaker

2007 International Forum of Industrial Design Education
Nanjing, China

Keynote Speaker

2007 International Conference on Mechanical Engineering and Mechanics
Wuxi, China

NOTEWORTHY ACCOMPLISHMENTS OF GRADUATE STUDENTS

2021

International Design Excellence Award

Gold- Student Category
Industrial Designers Society of America
Jason Carly

2019

Midwest Graduate Student Merit Award

Industrial Society of America
Carly Hagins

2017

Notre Dame App Challenge Winner

Innovation Park- University of Notre Dame
Robbin Forsyth & Miriam Moore

2014

Edward J. Ray Travel Award

Council of Graduate Students- The Ohio State University
George Chow

2013

Outstanding Graduate Associate Teaching Award (OGATA)

College of Arts and Sciences- The Ohio State University
George Chow

2011

Arts & Humanities Graduate Research Grant

The Ohio State University
Miriam Simon

NOTEWORTHY ACCOMPLISHMENTS OF UNDERGRADUATE STUDENTS

2024

Global Innovation Awards- Excellence in Student Design

International Houseware Association

Chicago, Illinois

3rd Place- *Julia Cutajar*

- 2023 International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
1st Place- Katherine Gaylord
2nd Place- Alicja Ramotowski
Honorable Mention- Sydney Florine
- 2021 International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
2nd Place- Clare Gaylord
- 2020 International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
Honorable Mention- Jane Kassabia
- 2019 International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
3rd Place- Teaghan Stack
Honorable Mention- Nicholas Azar
- 2018 Student Merit Award- Midwest District Winner
Industrial Designers Society of America (IDSA)
Dulles, Virginia
Erin Rice
- 2017 2nd Place (selected out of 330 submissions)
26th Walt Disney Imagineering Imaginations Design Competition
Burbank, California
Erin Rice, Mark Davidson, Jessica Klouda, Madeline Zupan
- Annual International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
3rd Place- Dan Lopes
Honorable Mention- Erin Rice
- MOMA Award sponsored by Model Solution
Loren Chen- HomeGrown
Work displayed at 2017 IDSA International Design Conference
- 2015 Annual International Houseware Student Design Competition
International Houseware Association
Chicago, Illinois
3rd Place- Jean Paul Pompeo
Honorable Mention- Caterina Rizzoni, Ashley Fenton, Myrna Lewis
- 2014 Student Merit Award- Central District Winner
Industrial Designers Society of America (IDSA)
Dulles, Virginia
Austin Scott

	Annual International Houseware Student Design Competition International Houseware Association Chicago, Illinois Honorable Mention- Hannah Kruse
2013	2013 Core77 Design Award-- Student Category Notable CORE 77, INC. New York, NY Yunqi Yuan Annual International Houseware Student Design Competition International Houseware Association Chicago, Illinois 2 nd Place- Yutong Wu 3 rd Place- Yunqi Yuan Honorable Mention- Justin Bechstein, Morgan Perry
TEACHING AWARDS AND RECOGNITION	
2024	Education Grant International Houseware Association Chicago, Illinois <i>Description: Award given to a faculty responsible for mentoring prize-winning student work.</i>
2023	Education Grant International Houseware Association Chicago, Illinois <i>Description: Award given to a faculty responsible for mentoring prize-winning student work.</i>
2021	Education Grant International Houseware Association Chicago, Illinois <i>Description: Award given to a faculty responsible for mentoring prize-winning student work.</i>
2019	Education Grant International Houseware Association Chicago, Illinois <i>Description: Award given to a faculty responsible for mentoring prize-winning student work.</i>
2017	Education Grant International Houseware Association Chicago, Illinois
2015	Education Grant International Houseware Association Chicago, Illinois
2014	Award of Recognition LG Electronics USA Englewood Cliffs, NJ <i>Description: Special recognition from William Cho, President of LG Electronics USA, for contributing in Open Innovation Workshop held at their New Jersey headquarters.</i>

2013 International Houseware Association Education Grant
 International Houseware Association
 Chicago, Illinois

SERVICE TO PROFESSIONAL SOCIETIES

2024.11	Academic Program External Reviewer Department of Industrial Design Metropolitan State University of Denver University
2020.7	Design Grant Project Review Panelists National Endowment for the Arts (NEA)
2020.5	Jury Member International Design Excellence Award (IDEA) Industrial Designers Society of America (IDSA)
2019.6	Jury Member International Design Excellence Award (IDEA) Industrial Designers Society of America (IDSA)
2019.1	Judge member Student Design Competition International Housewares Association
2018.1 ~ present	Board Member Korean Society of Design Science
2016.5 ~ 2018.5	Director of Education Board of Directors Industrial Designers Society of America (IDSA)
2018.1	Judge member Excellence in Design Contest Appliance Design Association
2018.1	Judge member Student Design Competition International Housewares Association
2016.8 ~ 2017.8	Chair IDSA/ Eastman Education Symposium
2010 ~ 2016.6	Industrial Designers Society of America (IDSA) Ohio State University Student Chapter faculty advisor Provides guidance to the student officers and members of the chapter organizes and conducts the annual Student Merit Award competition and serves as a role model and leader.
2006 ~ 2009	Industrial Designers Society of America (IDSA) Purdue University Student Chapter faculty advisor

PROFESSIONAL CONSULTING ACTIVITIES

2019	AVID Labs Kernel Enclosure Device Fort Wayne, IN
2016	LG Electronics USA A Study of the Xennial Generation Englewood Cliffs, New Jersey
2015	Dental Guidance Dental impression mold trays Los Angeles, California
2014	LG Electronics USA Home Entertainment Display Englewood Cliffs, New Jersey
2013	Enzo's Pizzeria Company Made-to-go experience design and store layout Columbus, OH
2011	Wave Cradle iPhone stand Apollo Design Technology Fort Wayne, Indiana
2010	2 nd Generation iPad cover project Body Glove Chicago, Illinois

ADMINISTRATIVE SERVICE

2024.8 ~ present	University Committee on Appeals
2021.8 ~ present	Notre Dame International East Asia Faculty Advisory Committee
2021.7 ~ 2024.6	Department Chair, Art, Art History, and Design
2021.7 ~ 2024.6	Notre Dame Art Council
2016.8 ~ 2021.5	Department Executive Committee Member
2018.8 ~ 2019.5	ID Search Committee Chair
2018.8 ~ 2018.12	Collaborative Innovation Director Search Committee
2015 ~ 2016.6	Chair's Advisory Committee
2015 ~ 2016.6	Graduate Studies Committee
2014 ~ 2016.6	Undergraduate Studies Committee

2014 ~ 2016.6	Faculty Senate of the College of Arts and Sciences
2010 ~ 2016.6	Industrial Design Program Coordinator
2014 ~ 2015	Design Foundation Curriculum Committee
2012 ~ 2014	Fergus Memorial Scholarship Jury Committee
2013.9~ 2014.4	Member of Interior Space Design Faculty Search Committee
2011.9~2012.5	Chair of Industrial Design Faculty Search Committee
2008.8 ~ 2009.4	Chair of Interaction/Industrial Design Faculty Search Committee
2007.8 ~ 2009.4	Member of Budget Advisory Committee
2007.8 ~ 2009.4	Chair of Art & Design Shop Committee
2007.8 ~ 2008.5	Member of Multi Media Faculty Search Committee