

Sheng-Hung Lee, Ph.D

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Sheng-Hung Lee, Ph.D., is an Assistant Professor of Urban Technology and Director of d-mix lab at the University of Michigan. His research bridges design, technology, and service systems to advance Design for Longevity (D4L) and systemic societal impact.

Education	2022—2025	Massachusetts Institute of Technology, USA Ph.D., Human Behavior and Service Design* <i>*self-designed, interdisciplinary doctoral degree administered by MIT Department of Mechanical Engineering</i> — Thesis: Design for Longevity: Service and System Innovation [link] — Ph.D. Committees: Maria C. Yang, Joseph F. Coughlin, Eric Klopfer, Olivier de Weck, and John Ochsendorf — Industry Mentors: Gianfranco Zaccai and Michael Peng — MIT MechE Departmental Award (2025 Wunsch Foundation Silent Hoist and Crane Award)
	2019—2022	Massachusetts Institute of Technology, USA MS, Integrated Design & Management (GPA: 5.0 / 5) MS, Mechanical Engineering (GPA: 5.0 / 5) — Thesis: Human-Centered System Design for an Aging Population: An Experimental Study of Footwear Design [pdf] — Advisors: Massachusetts Institute of Technology: Prof. Olivier de Weck, Dr. Joseph F. Coughlin, and Prof. Maria Yang Carnegie Mellon University: Prof. Jonathan Chapman — MIT Planet D (Official Club for Human-Centered Systems Design) President and Co-Founder
	2006—2013	National Cheng Kung University, R.O.C. (Taiwan) BS, Industrial Design (GPA: 4.00 / 4) BS, Electrical Engineering (GPA: 3.95 / 4) — NCKU President Scholarship — NCKU Outstanding Student Award for Academic — NCKU Distinguished Achievement Award in Industrial Design and Electrical Engineering — China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
Research Experience	2026—present	d-mix lab , Ann Arbor, USA [link] Director and Founder — Project Design for Longevity (D4L)
	2019—2025	MIT AgeLab , Cambridge, USA [link] Ph.D. Researcher and Designer — Project Smart Home for the Aging Population — MIT AgeLab Website Design Team
	2022—2022	MIT Governance Lab (MIT GOV/LAB) , Cambridge, USA [link] Curriculum Designer — Governance Innovation
	2020—2025	MIT Ideation Lab , Cambridge, USA [link] Ph.D. Researcher and Designer
	2019—2021	MIT xPRO , Cambridge, USA Research Assistant and Curriculum Experience Designer — Co-designed MIT xPRO Systems Thinking course and toolkit with Prof. Edward F. Crawley
	2021—2022	MIT Office of Sustainability , Cambridge, USA [link] Safe and Sustainable Lab Fellow and Designer — Research Paper published by World Design Organization (WDO) Research and Education Forum (2022) — Poster Paper published by Digital Research in the Humanities and Arts (DRHA) (2022) — Research Paper published by IDC and Industrial Designers Society of America (IDSA) (2021) — Conducted ethnographic research working with Dr. Julie Newman, Director of MITOS (2021) — Worked on the research topic: Safe and Sustainable Lab: Disposable Material Flow (2021)
	2023—2024	Moholy-Nagy University of Art and Design (MOME) Social Design Hub , Budapest, Hungary Visiting Research Fellow — Worked on the research topic: Design for Longevity x FRUSKA from September 1 st , 2023 to March 31 st , 2024 — Collaborated with MIT AgeLab and MOME Innovation Center Social Design Hub

Teaching Experience	2026	University of Michigan Urban Technology program , Ann Arbor, USA Assistant Professor — Winter Term 2026 Course: UT 210: Listening: Design Ethnography Methods [link] — The course was developed in collaboration with and sponsored by General Motors (GM) and Lumivero (ATLAS.ti).
	2025	Northeastern University College of Arts, Media and Design , Boston, USA Adjunct Lecturer — Fall Term 2025 Course: ARTG 2400: Interaction Design Principles [link]
	2025–2026	University of Illinois Urbana-Champaign (UIUC) , Illinois, USA External Critic —2025-2026 Industrial Design Graduate Program
	2020–2023	MIT Course 2.00 Introduction to Design , Cambridge, USA Team Lab Instructor — Fall Term 2022-2023 Overall Rating 7.0 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>) — Fall Term 2020-2021 Overall Rating 6.0 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>)
	2020–2023	MIT Course 15.783 / 2.739 Product Design and Development , Cambridge, USA Guest Reviewer — Spring Term 2022-2023, 2021-2022, 2020-2021 — Fall Term 2019-2020
	2020–2025	MIT Course 11.547 / SCM 287 Global Aging & The Built Environment , Cambridge, USA Co-Instructor and Teaching Assistant — Fall Term 2024-2025 Overall Rating 6.9 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>) — Fall Term 2023-2024 Overall Rating 4.5 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>) — Fall Term 2022-2023 Overall Rating 6.2 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>) — Fall Term 2021-2022 Overall Rating 6.7 / 7 (<i>Rating Scale: 1=Very Poor, 7=Excellent</i>)
	2020	MIT Course 11.S941 / 11.S195 Global Aging: Planning Cities for a 100-Year Society , Cambridge, USA Co-Instructor and Teaching Assistant — Fall Term 2020-2021
	2024–2025	Rhode Island School of Design (RISD) Makeathon Competition , Providence, USA — Jury, March 15, 2025 — Mentor, March 23, 2024
	2015–2019	Fudan University , P.O.C. (China) Adjunct Associate Professor — Outstanding Adjunct Professor Award, Shanghai Institute of Visual Arts, Fudan University (2018, 2017) — Teaching: Graduation Project, Sustainable Design, and Design Method
	2023–2024	Shih Chien University , Taiwan Adjunct Associate Professor — Teach “Service Design” in the Asia Summer Program from July 2 nd to July 10 th , 2024 — Teach “Service Design” in the Asia Summer Program from June 17 th to July 4 th , 2023
	2023	Holon Institute of Technology (HIT) , Israel Visiting Lecturer — Teach “Design for Longevity: Project Your Future Self” in International Design Week “The Elephant in the Room” from October 14 th to October 20 th , 2023 (<i>Note: the workshop canceled due to international circumstances</i>) — The course collaboration was invited by Dr. Yael Eylat Van Essen, Faculty of Design, HIT
	2023–2024	Macromedia University , Munich, Germany Visiting Lecturer — Teach “Life-Centered Design” in Design Management Program from October 1 st , 2023 to January 31 st , 2024 — The course collaboration was invited by Oliver Szasz, Professor of Digital Media and Communication Design and Head of Study Programme M.A. Design Management, Macromedia University
	2022–2022	Telkom University , Indonesia Visiting Professor (2022 Summer) — School of Creative Industries appoints as a Visiting Professor at Global Learning Week (GLOW)
	2017–2019	DaTao Master Academy , P.O.C. (China) Adjunct Associate Professor — Teaching: Ergonomic (I), (II), and (III)
Service	2026–2031	Design for Augmented Humanity (DAH) journal Editorial Board [link]
	2025–2026	Design Research Society (DRS) Conference , Edinburgh, United Kingdom

		Paper Track Co-Chair — LongevityTech Cities: Design for Age-Inclusive Urban Futures [link]
	2026—2026	The Participatory Design Conference 2026 , Milan, Italy Programme Committee —Conference Theme: Peace, Dialogue, Coexistence
	2025—2025	International Association of Societies of Design Research (IASDR) 2025 , Taipei, Taiwan Track Committee —Conference Theme: Design Next, and Track Theme: Design, Art, and Technology
	2023—2024	Design Research Society (DRS) Conference , Boston, USA Paper Track Co-Chair — Design for Longevity (D4L): Project Your Future Self through Service and Technology
	2023—2024	diid (disegno industriale industrial design) Journal , Università di Bologna, Bologna, Italy Guest Editors with <i>Andreas Sicklinger</i> — Design for Longevity (D4L) and Life-Centered Design [link pdf] — No.84 ISSN (online): 2785-2245 ISSN: 1594-8528
	2023—2024	Base Diseño e Innovación Journal , Universidad del Desarrollo, Chile Guest Editors with <i>Mariluz Soto Hormazabal, Melanie Sarantou, and Paula Melo Signerez</i> . — Design and longevity, new perspectives, and challenges [link pdf] — Vol. 9, Num. 11, 2024
	2020—Present	The Design Journal , Publisher Routledge Journal Reviewer [link pdf] — ISSN (online): 1756-3062 ISSN: 1460-6925
	2020—Present	World Design Organization (WDO) — WDO Education Committee (2023) — WDO Board Director Candidate (2022) — Research Paper published by WDO Research and Education Forum (2022) — WDO World Industrial Design Day Speaker (2022, 2021) — WDO Young Designers Circle Ambassador (2020)
	2012—Present	Industrial Designers Society of America (IDSA) — IDSA At-Large Director (Awards) Board of Director (2025, 2023) — IDSA Student Merit Awards Jury at Wentworth Institute of Technology (2025) — IDSA At-Large Director (Awards) Leadership Role Candidate (2022, 2020) — IDSA Boston Chair (2022) — IDSA Award Committee (2022, 2021) — IDSA Boston Vice Chair (2020) — International Design Excellence Awards (IDEA) Jury (2018, 2017) — IDSA International Design Conference (IDC) Paper Presenter (2022, 2021, 2020) — IDSA Gianninoto Graduate Scholarship Winner (2019)
Work Experience	2015—2019	IDEO Industrial Designer and Electrical Engineer — Clients: NIKE, Procter & Gamble, Tsinghua University MBA program, Vichy, China Resources Land Limited, Fotile
	2014—2015	Continuum Industrial Designer and Design Strategist — Clients: Rubbermaid, Bank of China, UCAR Inc
	2019—2019	EMMA Creative Center Pforzheim , Germany Designers in Residence (Industrial Design) — Project: Small Things with Big Heart
Design Award Jury	2026	Ukrainian Design Award Jury — Environmental Design
	2025	Taiwan International Student Design Competition Jury — Product Design
	2025	GRANDS PRIX DU DESIGN Jury — Product Design
	2024	Ukrainian Design Award Jury — Product Design
	2023	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2022	Australian Good Design Awards — Next Gen Category
	2022	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2022	Golden Pin Design Award Jury — Concept Design
	2021	Australian Good Design Awards — Next Gen Category
	2021	Rethinking The Future (RTF) Design Awards

	2020	Spark Design Award Jury — Design Concept and Student Category
	2020	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2020	Ukrainian Design Award Jury — Product Design
	2019	LITE-ON Award Jury — Design Category
	2019	Ukrainian Design Award Jury — Industrial Design
	2019	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2018	International Design Excellence Awards (IDEA) Jury — Industrial Design
	2018	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2018	Spark Design Award Jury — Product Design and Design Concept
	2018	Ukrainian Design Award Jury — Environmental Design
	2018	Red Star Design Award Jury — Product and Service Design
	2018	Golden Pin Design Award Jury — Product Design
	2017	Taihu Design Award Jury — Product and Industrial Design
	2017	International Design Excellence Awards (IDEA) Jury - Industrial Design
	2017	A' Design Award & Competition Jury — Product and Industrial Design
	2017	Ukrainian Design Award Jury — Industrial Design
	2016	Spark Design Award Jury — Maker and Design Concept
	2016	International Design Awards Jury — Architectural, Interior, Product, Fashion and Graphics
	2016	Golden Pin Design Award Consultant — Design Concept
Books	2026	D4L: Exploring Design for Longevity Sheng-Hung Lee <i>Published by Springer Cham. ISBN: 978-3-032-15849-9. [book link]</i>
	2025	Systemic Service Design Edited by Mari Suoheimo, Peter Jones, Sheng-Hung Lee , Birger Sevaldson <i>Published by Routledge. ISBN: 9781032817194. https://doi.org/10.4324/9781003501039 [book link pdf]</i>
Self-published Books	2019	Design Consciousness — Small Things with Big Heart Sheng-Hung Lee <i>Sponsored by EMMA Creative Center Pforzheim Designers in Residence Scholarship and Program [website]</i>
	2017	IDSA Blueprint in Asia Sheng-Hung Lee <i>Sponsored by Industrial Designers Society of America (IDSA) [website]</i>
Books Translation	2023	Dieter Rams: The Complete Works Authors: Klaus Klemp and Dieter Rams Translator: Sheng-Hung Lee <i>EN version published by Phaidon Press [book ISBN: 9781838661533]</i> <i>CH version published by Faces Publications [webpage book pdf ISBN: 9786263153691]</i>
Peer-reviewed Book Chapter	2025	Boundary Objects for Longevity Services: The Intersection of Tactility, Tech, and Trust Sheng-Hung Lee <i>In: Boundary Spanning Design for Better Organisation (Chapter 12, pp. 210–225). Edward Elgar. ISBN: 9781035340071. https://doi.org/10.4337/9781035340088.00021 [chapter article pdf]</i>
	2025	Boundary Objects: Reimagining Design for Longevity and Gender Equality Sheng-Hung Lee <i>In: Gender Perspectives for a Renewed Design Culture. Chapter 8. (pp. 77–93). Springer. ISBN: 978-3-031-88553-2. https://doi.org/10.1007/978-3-031-88554-9_8 [chapter article pdf]</i>
	2025	Social Structures Relevant to Longevity Service Systems Sheng-Hung Lee , Joseph F. Coughlin, Eric Klopfer, Olivier L. de Weck, John Ochsendorf, and Sofie Hodara <i>In: Systemic Service Design. Chapter 9. (pp. 164–189). Routledge. ISBN: 9781032817194. https://doi.org/10.4324/9781003501039-11 [chapter article pdf]</i>
	2025	Design for Longevity: An Empathetic Service Design Framework Sheng-Hung Lee <i>In: Empathic Service Design: Challenges in design, analysis and services. Bloomsbury. ISBN: 9781350476394 [chapter article pdf]</i>
	2025	Innovations in Theory and Practice of Systemic Service Design Mari Suoheimo, Peter Jones, Sheng-Hung Lee , and Birger Sevaldson

- In: *Systemic Service Design. Chapter 1. (pp. 1-13). Routledge. ISBN: 9781032817194.*
<https://doi.org/10.4324/9781003501039-1> [[chapter article](#) | [pdf](#)]
- 2025 **Blending Boundaries: A Thorough Exploration of Systems-oriented Design and Service Design Integration**
 Mari Suoheimo, Michalina Fidos, Marja Kuronen, and **Sheng-Hung Lee**
 In: *Systemic Service Design. Chapter 2. (pp. 17-40). Routledge. ISBN: 9781032817194.*
<https://doi.org/10.4324/9781003501039-3> [[chapter article](#) | [pdf](#)]
- 2023 **Macro-Trend Study Under Service System: Preliminary Research in Service Innovation and Emerging Technology**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, and Eric Klopfer
 In: *Service Design for Emerging Technologies Product Development. Chapter 4. Springer Series in Design and Innovation, vol 29. Springer, Cham. https://doi.org/10.1007/978-3-031-29306-1_4* [[chapter article](#) | [pdf](#)]
- 2022 **A Preliminary Discussion of Human-Centered System Design from Theory to Application: Use Smart Footwear Design for an Aging Population as an Example**
Sheng-Hung Lee
 In: *IxDC Growth, Publisher: Tsinghua University Press, ISBN: 9787302611639*
- 2026 **Uncovering latent needs in longevity planning: A case study using mixed-methods and system modelling**
Sheng-Hung Lee, Olivier de Weck
 In: *Design Studies, Volume 102, January 2026* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1016/j.destud.2025.101373>
- 2025 **From computation to curation: Expanding the boundaries of design practice**
Sheng-Hung Lee
 In: *Design Studies, Volume 101, December 2025* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1016/j.destud.2025.101357>
- 2025 **Hope in the Platform: Social Ingenuity and the Evolution of Design Recognition**
Sheng-Hung Lee
 In: *INNOVATION, Summer 2025* [[pdf](#)]
- 2025 **Design Future Longevity: Unlocking Time, Age, and Society**
Sheng-Hung Lee
 In: *Design Management Institute (DMI): Review Issue, Vol. 36, No. 2* [[pdf](#)]
- 2025 **Boundary Objects in Longevity Planning Service: Exploring Personas and Dualities Through Constructivist Grounded Theory**
Sheng-Hung Lee, Maria Yang, Eric Klopfer, and Joseph F. Coughlin
 In: *Design Science, Volume 11, June 11, 2025* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1017/dsj.2025.10010>
- 2025 **Prototyping Longevity Services: Tech-driven or Human-assisted Service?**
Sheng-Hung Lee, Joseph F. Coughlin, and Maria Yang
 In: *The Design Journal, January 15, 2025 (1-18)* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1080/14606925.2024.2442196>
- 2025 **Innovative Longevity Design through Boundary Object Integration**
Sheng-Hung Lee, Joseph F. Coughlin, Alexa Balmuth, Maria Yang
 In: *Base Diseño e Innovación. Special Issue "Design and longevity, new perspectives, and challenges", September 15, 2025 9(11), 98–108.* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.52611/bdi.num11.2024.1197>
- 2025 **Editorial. Design and Longevity: New Perspectives, and Challenges**
 Mariluz Soto, **Sheng-Hung Lee**, Melanie Sarantou, and Paula Melo Signerez
 In: *Base Diseño e Innovación. Special Issue "Design and longevity, new perspectives, and challenges", September 15, 2025 9(11), 01–05.* [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.52611/bdi.num11.2024.1509>
- 2024 **From Design Education to Education Design**
Sheng-Hung Lee
 In: *INNOVATION, Winter 2024* [[journal](#) | [pdf](#)]
- 2024 **Touch: The Allure of Tangible Design**
Sheng-Hung Lee
 In: *INNOVATION, Spring 2024* [[journal](#) | [pdf](#)]
- 2024 **Transformation by Human-Centered System Design**
Sheng-Hung Lee
 In: *Design Management Institute (DMI): Review Issue, Vol. 35, No. 1* [[journal](#) | [pdf](#) | [website pdf](#)]
 DOI: <https://doi.org/10.1111/drev.12390>

- 2024 **Design for Longevity: People, Process, and Platform**
Sheng-Hung Lee and Andreas Sicklinger
 In: *diid disegno industriale industrial design*, No. 82, 2024 [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.30682/diid8224a>
- 2024 **Prototyping future visions of vulnerable youth through design for longevity and gender equity**
 Janka Csernák and **Sheng-Hung Lee**
 In: *diid disegno industriale industrial design*, No. 82, 2024 [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.30682/diid8224d>
- 2024 **A Taxonomy of Home Automation: Expert Perspectives on the Future of Smarter Homes**
 Shabnam FakhrHosseini, Chaiwoo Lee, **Sheng-Hung Lee**, and Joseph Coughlin
 In: *Information Systems Frontiers*, July 8, 2024 [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1007/s10796-024-10496-9>
- 2023 **The Transformation of Design Platform Under System Thinking**
Sheng-Hung Lee, Olivier L. de Weck, Maria C. Yang, and Joseph F. Coughlin
 In: *International Journal of Performance Arts and Digital Media*, October 24, 2023 [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.1080/14794713.2023.2271820>
- 2022 **Retail Banking and Financial Service Under System Analysis**
Sheng-Hung Lee, Joseph F. Coughlin, and Eric Klopfer
 In: *Arte, entre paréntesis*, Vol. 2, No. 15 [[journal](#) | [pdf](#)]
 DOI: <https://doi.org/10.36797/aep.v2i15.107>
- 2021 **Revisiting My Self-Quarantine Experience through a Data-driven Approach**
Sheng-Hung Lee
 In: *Design Management Institute (DMI): Review Issue*, Vol. 32, No. 1 [[journal](#) | [pdf](#) | [website pdf](#)]
 DOI: <https://doi.org/10.1111/drev.12253>

Articles in Refereed
 Conference
 Proceedings

- 2025 **Toward a Conceptual Framework for AI and Robotics in Aging in Place: Insights from Constructivist Grounded Theory**
Sheng-Hung Lee, Devin Liddell, Maria Yang, Joseph F. Coughlin, and Olivier L. de Weck
 In: *ICED25 and The Design Society—25th International Conference on Engineering Design: Design is a Team Sport*, Dallas, Texas, USA, 2025 [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.1017/pds.2025.10326>
- 2025 **Mapping Aging in Place Through AI and Robotics: A System Modeling Perspective**
Sheng-Hung Lee
 In: *Gao, Q., Zhou, J. (eds) Human Aspects of IT for the Aged Population. HCII 2025. Lecture Notes in Computer Science, vol 15811. Springer, Cham.* [[conf](#) | [pdf](#)]
 DOI: https://doi.org/10.1007/978-3-031-92712-6_24
- 2025 **Design for Longevity: A Relational and Systemic Perspective**
Sheng-Hung Lee
 In: *11th Nordic Design Research Society (NORDES) Conference, Oslo Metropolitan University, Oslo Norway, August 6-8, 2025* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.21606/nordes.2025.58>
- 2024 **Shaping a Longevity Service Through Visual, Tangible, Cultural, and Social Artifacts**
Sheng-Hung Lee
 In: *Rau, PL.P. (eds) Cross-Cultural Design. HCII 2024. Lecture Notes in Computer Science, vol 14699. Springer, Cham.* [[conf](#) | [pdf](#)]
 DOI: https://doi.org/10.1007/978-3-031-60898-8_4
- 2024 **Design Attributes for Tech- or Touch-based Longevity Services: AI-Empowered Analysis**
Sheng-Hung Lee, Joseph F. Coughlin, Maria Yang, and Sofie Hodara
 In: *Design Management Institute (DMI)—2024 Academic Design Management Conference: Design & Innovation at a Crossroad*, Delft, Netherlands, 2024 [[conf](#) | [pdf](#)]
- 2024 **Design for Longevity Literature Review in Product Lifecycle, Financial Planning, and Gerontology**
Sheng-Hung Lee, Joseph F. Coughlin, Sofie Hodara, Maria Yang, Olivier L. de Weck, Eric Klopfer, and John Ochsendorf
 In: *Design Research Society (DRS)—Resistance, Recovery, Reflection, Reimagination, USA, 2024* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.21606/drs.2024.363>
- 2024 **Enhancing Financial Education for Longevity through Service Design**
Sheng-Hung Lee, Joseph F. Coughlin, Sofie Hodara, and Maria Yang
 In: *Design Research Society (DRS)—Resistance, Recovery, Reflection, Reimagination, USA, 2024* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.21606/drs.2024.364>

- 2023 **Longevity Planning Service Across Immersive Technologies**
Sheng-Hung Lee, Sofie Hodara, Maria Yang, and Joseph F. Coughlin
 In: *Leaving Nothing Behind Conference at University of Bologna, Italy, 2023*
- 2023 **Designing Healthcare Services for Longevity**
Sheng-Hung Lee, Sofie Hodara, Joseph F. Coughlin, Maria Yang, Yu-Chen Chen, Yan-Chun Lin, Shyh-Nan Liou
 In: *Cumulus Beijing 2023, Central Academy of Fine Arts, Beijing, China, 2023* [[conf](#) | [pdf](#)]
- 2023 **Designing Longevity Planning Blocks through Experimental Participatory Observation and Interviews**
Sheng-Hung Lee, Joseph F. Coughlin, Alexa Balmuth, Chaiwoo Lee, Lauren Cerino, Maria Yang, Eric Klopfer, Olivier L. de Weck, and John Ochsendorf
 In: *International Association of Societies of Design Research (IASDR) Congress 2023 — Life-changing Design, Milan, Italy, 2023* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.21606/iasdr.2023.172>
- 2023 **Applying Human-Centered System Design to the Development of a Tool for Service Innovation**
Sheng-Hung Lee, Taylor Patskanick, Alexa Balmuth, Joseph F. Coughlin
 In: *Cumulus Antwerp 2023—Connectivity and Creativity in times of Conflict, Antwerp, Belgium, 2023* [[conf](#) | [pdf](#)]
- 2023 **Co-create Financial Planning Services for an Aging Population: Designers' Perspectives**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, Eric Klopfer, and John Ochsendorf
 In: *ICED23 and The Design Society—24th International Conference on Engineering Design: Design in a complex world, Bordeaux, France, 2023* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.1017/pds.2023.95>
- 2023 **Service Design in Action: Transformation, Consideration, and System Thinking**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, Eric Klopfer, and John Ochsendorf
 In: *ICED23 and The Design Society—24th International Conference on Engineering Design: Design in a complex world, Bordeaux, France, 2023* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.1017/pds.2023.95>
- 2023 **Design Artifacts and Gaming Transform Financial Planning Services**
Sheng-Hung Lee, Joseph F. Coughlin, Alexa Balmuth, and Maria C. Yang
 In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), New York, USA, 2023* [[conf](#) | [pdf](#)]
- 2023 **From Brainstorming to Bodystorming: Co-creation Workshop Analysis Using Applied Video Ethnography**
Sheng-Hung Lee, Joseph F. Coughlin, Chaiwoo Lee, and Maria C. Yang
 In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), New York, USA, 2023* [[conf](#) | [pdf](#)]
- 2023 **Making the Web Accessible to the Aging Population**
 Manasi Atul Vaidya and **Sheng-Hung Lee**
 In: *2023 CHI Conference on Human Factors in Computing Systems, Hamburge, Germany, 2023* [[conf](#) | [pdf](#)]
- 2023 **An Iterative Approach to User-Centered Design of Smart Home Systems**
 Lauren C. Cerino, Chaiwoo Lee, **Sheng-Hung Lee**, Shabnam Fakhr-Hosseini, Heesuk Son, Shen Shen, and Joseph F. Coughlin
 In: *International Conference on Human-Computer Interaction, Copenhagen, Denmark, 2023* [[conf](#) | [pdf](#)]
 DOI: https://doi.org/10.1007/978-3-031-34917-1_1
- 2023 **Acceptance of Future Home Technologies and Services: Comparing Different Tasks, Scenarios and User Characteristics**
 Shabnam FakhrHosseini, Chaiwoo Lee, **Sheng-Hung Lee**, Lauren Cerino, and Joseph Coughlin
 In: *The 67th Human Factors and Ergonomics Society 2023, Washington, DC, USA, 2023* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.1177/21695067231192230>
- 2022 **Footwear Design Consideration for an Aging Population from User Experience, Service, and Technology Aspects**
Sheng-Hung Lee, Chaiwoo Lee, Maria C. Yang, and Joseph F. Coughlin
 In: *The 66th Human Factors and Ergonomics Society 2022, Atlanta, Georgia, USA, 2022* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.1177/1071181322661207>
- 2022 **Re-envision a Hybrid Participatory Design Workshop: People, Pedagogy, and Process—An Experimental Study of Footwear Paper Prototype**
Sheng-Hung Lee, Ziyuan Zhu, Chaiwoo Lee, Maria C. Yang, and Joseph F. Coughlin
 In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), Seattle, USA, 2022* [[conf](#) | [pdf](#)]
- 2022 **The Transformation of Design Platform Under System Thinking**

- Sheng-Hung Lee**, Maria C. Yang, Olivier L. de Weck, and Joseph F. Coughlin
In: *Digital Research in the Humanities and Arts (DRHA) 2022—Digital Sustainability: From Resilience to Transformation*, Kingston School of Art, London, UK, 2022 [[conf](#) | [video](#)]
DOI: <https://doi.org/10.1080/14794713.2023.2271820>
- 2022 **Reshape Safe and Sustainable Makerspaces and Laboratories on Campus: An Experimental Study on Material Flow through Human-centered System Design**
Sheng-Hung Lee
In: *Commons in Design by Swiss National Science Foundation and FHNW Academy of Art and Design Basel*, Basel, Switzerland, 2022 [[conf](#) | [pdf](#)]
- 2022 **Evolving Ethics in Design Research: Reshaping Design Considerations for Product Designer**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
In: *Design Management Institute (DMI)—2022 Academic Design Management Conference: Design Management as a Strategic Asset*, Toronto, Canada, 2022 [[conf](#) | [pdf](#)]
- 2022 **Human-centered System Design for Global Supply Chain**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
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	2019	What Can Designers Contribute in Lab? A Preliminary Discussion in Lab Innovation Through Four Actions by Designers 【李盛弘專欄—我在 MIT 上設計課】設計師在實驗室能做些什麼？4 個行動・初探學術實驗室內的創新 Sheng-Hung Lee In: <i>MOT TIMES</i> , <i>December 11, 2019</i> [article pdf]
	2019	Design for Longevity: A Preliminary Discussion in Lab Innovation Through Four Actions by Designers 【李盛弘專欄—我在 MIT 上設計課】設計師在實驗室能做些什麼？4 個行動・初探學術實驗室內的創新 Sheng-Hung Lee In: <i>MOT TIMES</i> , <i>December 11, 2019</i> [article pdf]
Invited Talks and Lectures	2026	Design for Longevity Meets Immersive Futures Winter Lecture Series In: <i>University of Michigan College of Architecture and Urban Planning, Room 2115, March 19, 2026</i>
	2026	Designing Longevity Futures: Tangible and Virtual Artifacts as Epistemic Interventions Industrial Design Visiting Critic Lecture invited by Carlos Aguiar, Assistant Professor at University of Illinois at Urbana-Champaign In: <i>University of Illinois at Urbana-Champaign, College of Fine and Applied Arts, School of Art & Design, March 11, 2026</i>
	2026	Design for Longevity: Unlocked MIT Museum TIME series collaborated with Sofie Hodara, Associate Teaching Professor in the College of Arts, Media, and Design at Northeastern University In: <i>MIT Museum, March 6, 2026</i> [website]
	2025	From MIT to IDEO: Sheng-Hung Lee on the Future of Design and Education Design Education Talks invited by Lefteris Heretakis In: <i>Virtual, November 28, 2025</i> [website]
	2025	Design for Longevity: An Empathic Service Design Framework

	Service Design Working Group Speaker invited by Cumulus 2025 Johannesburg In: <i>Virtual</i> , November 27, 2025
2025	Design for Longevity: Unclocked Dubai Design Week, collaborated with Sofie Hodara, Associate Teaching Professor in the College of Arts, Media, and Design at Northeastern University In: <i>Dubai, UAE, November 4, 2025</i> [website]
2025	Designing for Longevity Podcast Speaker invited by Brandon Krakowsky, Lecturer of the University of Pennsylvania School of Engineering and Applied Science In: <i>Virtual</i> , October 22, 2025 [YouTube]
2025	Design for Longevity: Unclock Guest Lecturer invited by Judith Anderson, Professor of Industrial Design at Massachusetts College of Art and Design In: <i>MassArt Product Development Lab, Boston, USA, September 29, 2025</i>
2025	Designing LongevityTech: From Age to Stage for an Inclusive Future Keynote Speaker invited by Ker-Jiun Wang, Professor at the University of Pittsburgh Department of Bioengineering In: <i>IEEE EMBC 2025 NeuroWearX: Smart Aging – Developing Next-Gen Wearable AgeTech for Our Parents, Elderly Loved Ones, and Future Selves, Bella Center in Copenhagen, Denmark, July 16, 2025</i> [website pdf]
2025	LongevityTech: Service Systems of Tomorrow Keynote Speaker invited by George Demiris, Associate Dean for Research and Innovation and Professor at the University of Pennsylvania School of Nursing In: <i>The Penn AI and Tech Collaboratory for Healthy Aging, June 26, 2025</i>
2025	From Age to Stage: Rethinking Longevity Through Inclusive Design Keynote Speaker invited by Hung-Hsiang Chen, Global Head of User Insights, Design, & Engineering at Convatec In: <i>Virtual</i> , June 18, 2025
2025	Social Structures Relevant to Longevity Service Systems Service Design Working Group Speaker invited by Cumulus 2025 Nantes In: <i>Virtual</i> , June 6, 2025
2025	Design for Longevity: Service and System Innovation Keynote Speaker of Towards Symbiotic Futures In: <i>FutureDays (Virtual)</i> , May 1, 2025 [website]
2025	Design and Urban Inquiries Guest Critique of the undergraduate course (UT230: Design and Urban Inquiries) invited by Prof. Matthew Wizinsky In: <i>University of Michigan, Urban Technology, April 21, 2025</i>
2025	Product Ecologies and the Evolution of Design Careers Guest Lecture of the graduate course (ENP 220: Graduate Capstone) invited by Dr. Chaiwoo Lee In: <i>Tufts University, Human Factors Engineering, April 17, 2025</i>
2025	Designing Aging Experiences with Sheng-Hung Lee Podcast Speaker interviewed by Prof. Gary David, Sociology, Bentley University In: <i>Experience by Design, March 28, 2025</i> [website]
2025	Collective Intelligence for a Cultural Landscape Panel Discussion with Stef Silva Rodríguez and Paqui Lizana invited by Future Days In: <i>Future Days, February 19, 2025</i> [live video]
2025	Design As Humanity Podcast Speaker interviewed by Prof. Lee Moreau, College of Arts, Media, and Design, Northeastern University In: <i>Design Observer, February 4, 2025</i> [website Spotify Apple pdf]
2025	Small Things with Big Hart: Translate Daily Innovation and Observation into Meaningful Designs Guest speaker invited by Prof. Sofie Hodara, College of Arts, Media, and Design, Northeastern University In: <i>Course: ARTG 2400 Interaction Design Principles, Room 207, Ryder Hall, Northeastern University, January 22, 2025</i>
2024	Mapping Aging in Place through AI and Robotics: A System Modeling Perspective Guest speaker invited by Prof. Mariluz Soto, Facultad de Diseño, Universidad del Desarrollo In: <i>Virtual (Service design and AI: cases, projects, and reflections), December 3, 2024</i> [website]
2024	Designing for Longevity: Turning Vision into Reality Guest speaker invited by Prof. Ricardo Gomes, School of Design, San Francisco State University In: <i>Virtual (DES 800 Graduate Design Seminar), November 20, 2024</i>
2024	Longevity Planning Service Innovation Guest speaker invited by Prof. Bruce Hanington, School of Design, Carnegie Mellon University In: <i>Virtual</i> , November 13, 2024

2024	Design Portfolio Sharing Guest speaker invited by Prof. Barry Kudrowitz, Department Head of Design Innovation and Professor of Product Design, College of Design, University of Minnesota In: <i>University of Minnesota, College of Design, November 11, 2024</i>
2024	Introduction to Accessibility (Course: SI 552) Guest panelist invited by Prof. Robin N. Brewer, School of Information, University of Michigan In: <i>Virtual, November 11, 2024</i>
2024	Longevity Planning Service Design Guest speaker invited by Prof. Yihyun Lim, USC Jimmy Iovine and Andre Young Academy In: <i>Virtual, November 1, 2024</i>
2024	Design and Health Guest speaker invited by Prof. Arch. Andreas Sicklinger, Industrial Design, University of Bologna In: <i>Virtual, October 30, 2024</i> [pdf]
2024	The Future of Design Education and Academia Panel Discussion with Prof. Helen Armstrong and Diane Pfeiffer invited by Loft Design In: <i>Virtual, October 24, 2024</i> [link]
2024	Embracing Design for Longevity with Sheng-Hung Lee Podcast Speaker interviewed by Deirdre Caren In: <i>Virtual, October 21, 2024</i> [YouTube]
2024	Embracing Everyday Battles: Sheng-Hung Lee on Life, Longevity, and Human Connection Podcast Speaker interviewed by Andrea Hiott In: <i>Virtual, October 20, 2024</i> [YouTube]
2024	Uncovering User Needs and Rituals for Longevity Services through Mixed-Methods Analysis: Integrating Constructivist Grounded Theory and Exploratory Factor Analysis Service Design Working Group Speaker invited by Cumulus 2024 Monterrey In: <i>Virtual, October 18, 2024</i>
2024	Expression, Ecology, and Experience in Design for Longevity Keynote Speaker invited by Experience Research Society In: <i>Bentley University, Waltham, MA, USA, October 12, 2024</i> [website]
2024	Design for Longevity: Services, Science, and Systems Keynote Speaker invited by Red Dot Design Museum (Xiamen) and Social Design Action In: <i>Chengdu Vartaim Cultural Tourism Development Co., Ltd. (China), August 28, 2024</i> [website pdf]
2024	Design for Longevity: Purpose, People, and Process Keynote Speaker invited by Jan Van Caneghem In: <i>WAAI Design, August 22, 2024</i> [webinar]
2024	Human-Centered Design and Innovation with Sheng-Hung Lee Podcast Speaker interviewed by Sami Birnbaum and Jared Turner In: <i>Giant Robots, August 22, 2024</i> [website Spotify Apple pdf]
2024	Designing for Longevity with Sheng-Hung Lee: Embracing AI, Empathy, and Growth Podcast Speaker interviewed by Gerry Scullion In: <i>The Human Centered Design Podcast, July 3, 2024</i> [website YouTube pdf]
2024	Empathy-Driven Approach to Design Research and Service Innovation Keynote Speaker of Exploring Design Methods invited by the IDSA Boston In: <i>Boston Public Library - Central Library, June 22, 2024</i>
2024	Design for Longevity and Service Innovation Keynote Speaker of Bandung Creative Movement 2024: Cultivating Global Collaboration in Arts, Design, and Humanities for Sustainable Creative Industries In: <i>Bandung Creative Movement 2024, June 6, 2024</i> [website pdf]
2024	LongevityTech and Service Design Guest Panelist invited by Silicon Valley Global Prospects Summit (SVGPS) In: <i>Global Prospects Summit & Startup Pitches: People Behind AI and Macroeconomic Trends, June 1, 2024</i> [website]
2024	Design for Longevity: An Empathic Service Design Framework Keynote Speaker of Emerging Solutions for Empathic Service Design In: <i>Finnish-American Research and Innovation Accelerator (FARIA) & Empathy Business Online Workshop, May 28, 2024</i> [website pdf]
2024	Biodesign for the Ages: Redesigning R&D Episode panelist invited by Divya Gopalan

	In: <i>TaiwanPlus</i> , May 27, 2024 [website]
2024	Design for Longevity and Service Innovation Keynote speaker invited by Prof. Angela Giambattista at P/References of Design, Cumulus conference Budapest 2024 In: <i>Cumulus Working Group DEHA (DEsign for Health, Aging and wellbeing)</i> , May 16, 2024 [website]
2024	AI, Artistry, and Authorship: A Technological-Cultural Tapestry Guest Panelist invited by Brown University China Summit 2024: Forward Focus In: <i>Brown University China Summit 2024: Forward Focus</i> , March 16, 2024 [website]
2023	My Purpose-Driven Creative Journey at MIT Chinese Podcast Speaker interviewed by Allen Chang, Co-Founder of A+2 Video Production In: <i>A! What's Up</i> , December 30, 2023 [YouTube Spotify Apple SoundOn]
2023	Design for Longevity and AgeTech Guest Speaker invited by Professor Wynnne Chang, Department of Industrial Design In: <i>National Cheng Kung University Department of Industrial Design</i> , November 13, 2023
2023	Service Design in Greater Health Industry Guest Panelist invited by Taipei Entrepreneurs Hub (TEH) In: <i>Global Health Tech Connects Taipei</i> , November 10, 2023 [EN article CN article pdf]
2023	Design for Longevity: Services, Science, and Systems Guest Speaker invited by Emily Chmielewski, Design Research Director & Senior Associate at PERKINS EASTMAN In: <i>The Environmental Design Research Association (EDRA)</i> , November 1, 2023 [website]
2023	Empowering people through service design Podcast Speaker interviewed by Sebastian Gier In: <i>Design Drive EP79</i> , October 19, 2023 [website Spotify Apple pdf]
2023	Is It Design for Longevity (D4L) or Sustainability? Keynote Speaker interviewed by Herman Mao and Amie Chou In: <i>AT WISTARIA EPISODE 09</i> , September 9, 2023 [Spotify Apple Google]
2023	Design for Longevity (D4L): Service Innovation through System Thinking Keynote Speaker of Design4Drupal, Boston In: <i>Salem State University</i> , July 20, 2023 [website pdf]
2023	Building an AgeTech City Keynote Speaker of Building an AgeTech City: Service, Community, and Technology Symposium In: <i>Taipei City Government</i>
2023	Design for Longevity: AgeTech and Services Keynote Speaker In: <i>Taipei Entrepreneurs Hub</i>
2023	Design for Longevity: People, Product, Platform Keynote Speaker of Ideathon Taiwan—WeWe Futures: 2040 Diversity & Inclusion In: <i>Taiwan Design Research Institute (TDRI)</i>
2023	Service Design in Action: Transformation, Consideration, and System Thinking Guest Lecture of the graduate course (70 602: Service Design Futures) In: <i>The Oslo School of Architecture and Design (AHO)</i>
2023	The Future of Service Prototyping Keynote Speaker of Webinar: The Future of Service Prototyping In: <i>Cumulus Association, Service Design Group</i> [website pdf]
2023	Translate from User Journey Map to Design Prototyping Action Guest Lecture of the graduate course (ENP 220: Graduate Capstone) In: <i>Tufts University, Human Factors Engineering</i>
2023	Longevity Planning Block (LPB) Design for Inclusive Financial Planning Services Keynote Speaker of MIT Preparing for Longevity Advisory Network (PLAN) 2023 Forum In: <i>Massachusetts Institute of Technology (MIT), Media Lab</i> [website]
2023	Applying Human-Centered System Design to the Development of a Service Innovation Keynote Speaker of Aging Experience Workshop In: <i>Tsinghua University, The Future Laboratory</i>
2023	My "D" Journey Keynote Speaker of RISD Journey to Design In: <i>Rhode Island School of Design, Industrial Design Building</i>
2023	How do prototype user experience through the design process?

	Keynote Speaker of The Power of Creativity Conference In: <i>Tec de Monterrey, Sonora Norte Campus</i>
2022	Reshape Safe, Sustainable Labs and Makerspaces on Campus: An Experimental Study on Material Flow through Human-centered System Design Keynote Speaker of Single-Use Plastic Circularity Summit In: <i>Massachusetts Institute of Technology (MIT) Samberg Conference Center</i> [website video]
2022	A Look into Design Leadership in MIT Laboratories Keynote Speaker In: <i>World Design Organization (WDO), Virtual</i> [website video]
2022	Harvard xDesign: Power in Teams Moderator In: <i>Harvard xDesign Conference, USA</i> [website]
2021	Human-Centered System Design From Methodology to Implementation—Footwear for the Aging Population Keynote Speaker In: <i>International Experience Design Conference (IxDC), China</i> [website]
2021	Harvard xDesign: Constructing Reality Moderator In: <i>Harvard xDesign Conference, USA</i> [website]
2021	Make ToGather: Interaction Design Webinar + Workshop Lecturer with Ziyuan Zhu In: <i>Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA</i> [website]
2021	Creative Problem-Solving: NEET (New Engineering Education Transformation) Way of Thinking Lecturer with Dr. Rea Lavi In: <i>Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA</i> [website]
2021	Humanity-centered System Design Lecturer and Mentor In: <i>Power Station of Art (PSA)—Blue Cables in Venetian Watercourse, P.O.C. (China)</i>
2020	Connecting the People Keynote Speaker In: <i>Rhode Island School of Design (RISD) Make-A-Thon: Connecting the Dots, USA</i>
2020	Design Career Discussion: Presenting Yourself in a Virtual Environment Mentor and Panel Discussion In: <i>Pratt Institute—Pratt Virtual Career Day, USA</i>
2020	Prototype User Experience Through Product Design Approach Keynote Speaker In: <i>Taipei Product Developers Conference(TPDC), Taiwan</i> [website pdf]
2020	Translate Daily Innovation and Observation into Meaningful Designs Keynote Speaker In: <i>SHiFT Design, USA</i> [website pdf]
2020	Rapid Prototype the User Experience from Ideas to Implementation Keynote Speaker and Workshop Facilitator In: <i>ING Creative, United Arab Emirates</i>
2020	Experience Design Keynote Speaker interviewed by Craig Mackiewicz In: <i>Exploded View Podcast, USA</i> [website pdf]
2020	After Covid-19 — The Transformation of Design Platform and Its Future Keynote Speaker In: <i>Tsinghua University—TrendTouch, P.O.C. (China)</i>
2018	Design Thinking Drives Public Service Innovations — Redesign Shanghai Library Innovation Space Keynote Speaker In: <i>International eXperience Design Committee (IXDC), P.O.C. (China)</i> [website]
2018	Reimagine User's Future Learning Experience in Public Library Keynote Speaker In: <i>2018 MIX Innovation Conference, Taipei City, Taiwan</i> [website pdf]
2018	Universal Design and Its Application in Life Keynote Speaker

		In: <i>5th International Conference of Bandung Creative Movement (BCM), Telkom University, Indonesia</i>
2017	Rethinking Design: Moving Your Eyes from Your Head to Your Heart Speaker In: <i>TEDxFuxingPark, P.O.C. (China)</i> [website]	
2017	A Story Behind the Bar Speaker In: <i>IDEO Under the Influence, P.O.C. (China)</i> [website]	
2017	Introduction and Inspiration from CMF of Product Design Lecturer and Workshop Facilitator In: <i>Tsinghua University—Academy of Arts & Design, P.O.C. (China)</i>	
2017	International Artificial Intelligence and Industrial Design Trend Speaker and Panel Discussion In: <i>China (Wuxi) International Design Expo, P.O.C. (China)</i>	
Design Exhibitions		
2024	Good Interventions: An Economic and Strategic Design Exhibition Project: Longevity Planning Blocks [website pdf] In: <i>Parsons School of Design, New York, USA</i>	
2024	Red Dot Design Museum Xiamen: Social Design Action Project: Design for Longevity [pdf] In: <i>Xiamen, China</i>	
2023	Venice Innovation Design (VID) Project: Design for Longevity: Sustainable Life-Centered Services In: <i>Venice, Italy</i>	
2021	MIT Wiesner Gallery Project: DESIGN: INCLUSIVE In: <i>Cambridge, USA</i>	
2020	Dubai Design Week Global Grad Show Project: Tube 7 — Modular Lamp Design In: <i>Dubai, United Arab Emirates</i>	
2020	Dubai Design Week Global Grad Show Project: Fresh Tracker — A System for Smart Food Stocking In: <i>Dubai, United Arab Emirates</i>	
2019	Cooper Hewitt Design Triennial Project: TetraPOT 2.0 In: <i>New York, USA</i>	
2019	Cube Design Museum Project: TetraPOT 2.0 In: <i>Kerkrade, Netherlands</i>	
2018	Venice Design Week Project: Shanghai Library Innovation Space In: <i>Venice, Italy</i>	
2018	Shanghai Library Project: Redesign Shanghai Library Innovation Space, Services, and Systems In: <i>Shanghai, China</i>	
2017	Dubai Design Week Global Grad Show Project: TetraPOT In: <i>Dubai, United Arab Emirates</i>	
2017	Shanghai Maker Carnival Exhibition Project: Daily Innovation In: <i>Shanghai, China</i>	
Honors and Design Awards		
2022	IxDC International Experience Design Award — Top 10 Design Stars [link pdf]	
2021	International Design Awards, Gold — Design For Society & Design for Public Awareness	
2021	International Design Awards, Silver — Education & Teaching Aids	
2021	Spark Award, Bronze — Product, industrial, and Service, Student	
2020	Core77 Design Award, Student Winner — Personal Accessory Award	

2020	International Design Awards, Bronze — Design for Society & Design for Public Awareness
2020	DNA Paris Design Award, Winner — Experimental Design
2020	DNA Paris Design Award, Honorable Mention — Landscape Design
2020	Spark Award, Silver — Concept, Professional
2020	Spark Award, Finalist — Concept, Professional
2020	Novum Design Award, Gold — Service Design
2020	Novum Design Award, Gold — Design for Social Impact
2020	IDEA, Finalist — Student Designs
2020	IDEA, Finalist — Student Designs
2018	European Product Design Award, Gold — Design for Sustainability
2018	Spark Award, Gold — Experience
2018	IDEA, Finalist — Service Design
2018	A' Design Award & Competition, Iron — Governance and Public Service Design
2018	International Design Awards, Honorable Mention — Institutional, Conceptual
2017	iF, Gold — Discipline Professional Concept
2017	Outstanding Adjunct Professor Award, Shanghai Institute of Visual Arts, Fudan University
2017	European Product Design Award, Gold — Design for Sustainability
2016	IDEA, Gold — Environments
2016	red dot Design Award, Winner — Habitat
2016	James Dyson Award, National Winner (Taiwan) & International Top 20 Winner
2016	Spark Award, Winner — Concept, Professional
2016	A' Design Award & Competition, Silver — Sustainable Products, Projects and Green Design
2016	A' Design Award & Competition, Bronze — Disposable and Single-Use Product Design
2016	International Design Awards, Gold — Design for Society, Sustainable Products
2016	International Design Awards, Bronze — Home Interior Products, Kitchen Accessories/Tabletop
2016	International Design Awards, Bronze — Home Interior Products, Bathroom Fittings/Appliances
2016	International Design Awards, Honorable Mention — Safety Design
2016	Sichuan-Taiwan Industrial Design Awards, Silver — Environments
2015	IDEA, Finalist — Student Designs
2015	Spark Award, Student Designs — Concept
2013	Spark Award, Student Designs — Concept
2013	Core77 Design Award, Student Notable — Interaction
2013	IDEA, Finalist — Student Designs
2012	IDEA, Gold — Student Designs
2012	Braun Prize, Special Mention — Student Designs
2012	Fujitsu Semiconductor MCU Electronic Design Competition, Gold
2012	Fujitsu Semiconductor MCU Electronic Design Competition, Excellent Prize
2012	Fujitsu Semiconductor MCU Electronic Design Competition, Best Creative Award
2012	Core77 Design Award, Student Runner-up — Consumer Products
2012	Core77 Design Award, Student Notable — Equipment
2012	red dot Award: winner — Design Concept
2011	red dot Award, Best of the Best — Design Concept
2011	National Science Council, College Student Research Award
2011	Taipei Industrial Design Award, Honorable Mentions Award — Design Concept
2011	Essay Excellent Work: Chinese Institute of Engineers
2010	College Student Research Award: National Science Council
2010	iF Award-winning Entries of the lebens(t)raeume Competition
2010	29th International Young Designers' Exhibition, Gold Award
2010	Tainan County Xiao Ridge, Young Designer Award
2009	Academy of Arts & Design, Tsinghua Univ. & Department of ID, NCKU, Gold Award
2009	NCKU International Workshop, Silver Award
2009	NCKU Outstanding Student Award for Academic
2008	NCKU Outstanding Student Award for Academic
2007	NCKU Outstanding Student Award for Academic
2007	NCKU Distinguished Achievement Award in Calculus

Scholarships

2021	The Council for the Arts at MIT (CAMIT) Funding — Project: MAKE TO:GATHER
2021	MIT Sandbox Innovation Funding
2020	MIT Sandbox Innovation Funding
2019	MIT De Florez Fund for Humor
2019	IDSa Gianninoto Graduate Scholarship Winner
2019	EMMA Creative Center Pforzheim, Designers in Residence Scholarship — Project: Small Things with Big Heart
2011	China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
2010	China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
2013	NCKU Capstone Program — Project: Innovation Research of QR Code Application with MCU

	2013	NCKU Capstone Program — Project: Real-time Image Processing and Data Transmission Research of OK6410 ARM 11
	2012	Dr. Liao Zong Lin Professor Emeritus of NCKU Department of Electrical Engineering
	2009	Dr. Tian Shou Wu Professor Emeritus of NCKU Department of Electrical Engineering
	2009	Dr. Wei-Noon Wang Scholarship Foundation
	2008	Dr. Yun-Ping Lo Memorial Scholarship Foundation
Professional Membership	2021	Service Design Network (SDN) — Member
	2021	The Design Society — Member
	2020	Design Management Institute (DMI) — Member
	2018	World Design Organization (WDO) — Professional Member
	2018	Asia Designer Communication Platform (ADP) — Purple Member
	2017	Chinese Industrial Designers Association (CIDA) — Professional Member
	2012	Industrial Designers Society of America Society (IDSA) — International Young Professional Member
	2012	Phi Tau Phi Scholastic Honor Society — Honorary Member
	2010	Phi Tau Phi Scholastic Honor Society — Honorary Member
	2010	Chinese Institute of Electrical Engineering — Member
	2010	Taiwan Science, Technology & Society Association — Member
Patents	2013	Media Storage Device for Storing Images with Audio Effects (101209072, Taiwan)
	2012	Curved Scissors (101210425, Taiwan)
	2010	Tape Dispenser (99206579, Taiwan)
	2010	Tweezers Clip (99208296, Taiwan)
Media Coverage	2025	Designing for Longevity, Designing for Life: What Sheng-Hung Lee Teaches Us About the Future of Design Education Project: Design for Longevity In: <i>Lefteris Heretakis Medium</i> , December 2, 2025 [link]
	2025	Lee launches d-mix lab to explore design and longevity Project: d-mix lab In: <i>Taubman College of Architecture and Urban Planning, University of Michigan</i> , October 24, 2025 [news pdf]
	2025	Sheng-Hung Lee, MIT AgeLab and MechE Ph.D.'s “Longevity Planning Blocks” Ask the Big Questions About Aging Project: Design for Longevity Research and Design In: <i>MIT AgeLab</i> , August 27, 2025 [article website pdf]
	2025	From Buttons to Behaviors Interview with INT.DESIGN magazine In: <i>INT.DESIGN No. 94</i> , July 10, 2025 [article pdf]
	2024	Navigating longevity with industry leaders at MIT AgeLab PLAN Forum Project: Design for Longevity Research and Design In: <i>MIT News</i> , May 16, 2024 [article website pdf]
	2023	Sheng-Hung Lee Designing Tomorrow's Society Project: Sheng-Hung Lee's Design Portfolios In: <i>Homa Design Magazine #3</i> , October, 2023 [article pdf website pdf]
	2023	Sheng-Hung Lee Presents Longevity Planning Blocks for FPA 2023 Annual Conference Project: Longevity Planning Block Design for Inclusive Financial Planning Services In: <i>MIT AgeLab</i> [article pdf]
	2023	Sheng-Hung Lee Presents on Design for Longevity at Venice Innovation Design Conference Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: <i>MIT AgeLab</i> [article pdf]
	2023	Venice and urban regeneration: the ideas of Mario Cucinella and Sheng-Hung Lee (MIT) Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: <i>La Repubblica</i> [article pdf]
	2023	VID 2023: forward-thinking projects and talks on innovation and sustainability Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: <i>DesignWanted — Design Events</i> [article pdf]
	2022	Students imagine better products, services, and infrastructure for an aging society Project: MIT Course—Global Aging and the Built Environment (11.547J/SCM.287J) In: <i>MIT News</i> , June 6, 2022 [article website pdf]

2020	From a super-tough incubator to a pillow that turns off the internet, Global Grad Show highlights design innovations Project: Tube 7 — Modular Lamp Design was reported by Stephanie Bailey In: <i>CNN — Style</i> [article pdf]
2020	‘Quarantent’ and ‘Farewell Suit’ among the designs in a global competition to fight coronavirus Project: Fresh Tracker — A System for Smart Food Stocking was reported by Kieron Monks In: <i>CNN — Style</i> [article pdf]
2017	Design with Plants Project: TetraPOT was reported by Domus In: <i>Domus — Category of Design/Nature</i> [article]
2016	Fighting Coastal Erosion with The Power of Mangroves: The Concrete Tetrapod Gets a Green Makeover Project: TetraPOT was reported by Kat Bauman In: <i>Core77</i> [article]
2016	These Pots Are Designed to Create Mangrove Forests That Will Protect Our Beaches Project: TetraPOT was reported by Adele Peters In: <i>Fast Company</i> [article]
2016	TetraPOT is a greener alternative to concrete coastal defences Project: TetraPOT was reported by Emma Tucker In: <i>Dezeen</i> [article pdf]
2015	Toilet Paper with a Twist Project: Toilet Paper Roll Redesign was reported by Tory Turner In: <i>Yanko Design</i> [article pdf]
2014	Designing Here/Now: A global selection of objects, concepts and spaces for the future Project: Nursing Kit and Project: FANs Cam were covered in the book In: <i>Thames & Hudson</i> [book pdf]
2012	A First Aid Kit That Is Easy to Reach, Hard to Forget Project: Nursing Kit was reported by IDSA In: <i>Industrial Designers Society of America (IDSA)</i> [pdf]
2012	BraunPrize 2012 Shortlisted Projects Collection Project: Nursing Kit was covered in the book In: <i>Braun Design</i> [pdf]
2012	red dot design concept yearbook 2012/2013 Project: FANs Cam was covered in the book edited by Ken Koo In: <i>red dot edition</i>
2012	Taipei Design Code Project: Nursing Kit was covered in the book In: <i>Department of Information & Tourism, Taipei Municipal Government</i> [book pdf]
2012	Voice Memo with Benefits Project: Vmo was reported by Radhija Seth In: <i>Yanko Design</i> [article pdf]
2012	A Different Camera Perspective Project: FANs Cam was reported by Radhija Seth In: <i>Yanko Design</i> [article pdf]
2012	Sporty Spacecraft Project: Speedform was reported by Tory Turner In: <i>Yanko Design</i> [article pdf]
2012	Game Sight Blocked? Award-winning Miniature Camera Solves the Problem Project: FANs Cam was reported by NCKU News Center In: <i>National Cheng Kung University (NCKU) News Center</i> [article pdf]
2012	NCKU Students’ First-aid Kit Shines in International Design Contests Project: Nursing Kit was reported by NCKU News Center In: <i>National Cheng Kung University (NCKU) News Center</i> [article pdf]
2012	NCKU Students Design PhotoTalk Connects Emotion Beyond Time Project: PhtotTalk was reported by NCKU News Center In: <i>National Cheng Kung University (NCKU) News Center</i> [article pdf]
2011	NCKU Whiz Kid Constant Winner of Design Awards Project: Nursing Kit was reported by NCKU News Center

	In: <i>National Cheng Kung University (NCKU) News Center</i> [article pdf]
2011	red dot design concept yearbook 2011/2012 Project: Nursing Kit was covered in the book edited by Ken Koo In: <i>red dot edition</i>
2011	The Fire Mix! Project: Fire Formula was reported by Radhija Seth In: <i>Yanko Design</i> [article pdf]
2011	It's a Guy Thing, Shhhh! Project: Condom Cap was reported by Radhija Seth In: <i>Yanko Design</i> [article pdf]
2010	First Aid First Project: Nursing Kit was reported by Radhija Seth In: <i>Yanko Design</i> [article pdf]
2010	32nd International Young Designers' Exhibition (YODEX) Yearbook Project: Nursing Kit was covered in the book In: <i>Ministry of Economic Affairs, Taiwan</i>
Chinese Interviews and Articles	2019 Observe the World through Your Senses and Born with Design — Sheng-Hung Lee 感官全開的活著・呼吸即設計－李盛弘 Interviewed and Written by Fun Design In: <i>Fun Design: 10YearChallenge Column</i> [article pdf]
	2018 Sheng-Hung Lee, the Only International Design Excellence Awards (IDEA) Jury from Asia: As a Designer, What You Need to Care is Beyond What You See 美國國際設計傑出獎 (IDEA) 唯一亞洲評審李盛弘：作為設計師・你心裡關心的東西・要遠超過眼睛看到的 Interviewed and Written by Brian Deng In: <i>Vide</i> [article pdf]
	2017 Sheng-Hung Lee: Social Impact through Design 李盛弘：影響・力 Interviewed and Written by Narkii.com In: <i>Narkii.com</i> [article pdf]
	2016 TetraPOT: Sea Defense to Save Ecology 海上防禦 拯救生態 Interviewed and Written by Chen Yongen In: <i>One Media Group</i> [article pdf]
	2016 【1/4 Life Winner】IDEO Designer Sheng-Hung Lee's Seven-Year Learning Journey in College 【1/4 人生贏家】這位 IDEO 設計師是一位本科讀了七年的真學霸 Interviewed and Written by Lin Ziren In: <i>Jiemian</i> [article pdf]
	2013 Modern Da Vinci, Bridge the World through Design 現代達文西・與世界對話 Interviewed and Written by Wu Simin In: <i>Commonwealth Publishing Co., Ltd</i> [article pdf]
	2010 Design 100 COOL II 酷設計 100 II Project: Nursing Kit was covered in the book In: <i>Cheers</i> [book pdf]
Additional Training	2021 Structural Materials: Selection and Economics edX Credential ID: 0dee7706d95f4e568753b3ef6fc6551c
	2020 MBSE101: Model-Based Systems Engineering with OPM: Foundations edX Credential ID: 6d25ba2eebe34ef9847755532436cc5f
	2020 MBSE102: Model-based Systems Engineering: Advanced Approaches with OPM edX Credential ID: 8934256554ba41f9b3674950409093d0
	2019 Creative Writing: The Craft of Setting and Description Coursera Credential ID: 5NC74JEFCGDE

2019	Creative Writing: The Craft of Style Coursera Credential ID: JSYAWR69VZLA
2019	Creative Writing: The Craft of Character Coursera Credential ID: TJTC2HDLQKB9
2019	Creative Writing: The Craft of Plot Coursera Credential ID: BVZG76TPX5N4
2015	Entrepreneurship: Launching an Innovative Business Specialization Coursera Credential ID: DRWBGJKJ3RKH
2015	Innovation for Entrepreneurs: From Idea to Marketplace Coursera Credential ID: F8KGF8AZ5H
2015	New Venture Finance: Startup Funding for Entrepreneurs Coursera Credential ID: RYGLRBPM5R
2014	An Introduction to Consumer Neuroscience & Neuromarketing Coursera Credential ID: ACC5GFS8HX
2014	An Introduction to Marketing Coursera Credential ID: 66CAY2J6TG
2014	Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship Coursera Credential ID: 3KEKEKMNXF
2014	Internet History, Technology, and Security Coursera Credential ID: DJCXZX6VYY
2013	Creative, Serious and Playful Science of Android Apps Coursera Credential ID: KAH9G8WGCF

Mentorship

	Master Thesis as Reader
2024–2025	Toward an Aging-Friendly Suburbia Kaicheng Zhuang and Minghao Du, Massachusetts Institute of Technology SMarChS Urbanism <i>Co-advised with Prof. Rafi Segal and Prof. Brent D. Ryan</i>
	Undergraduate Thesis Advisor Special Concentrations, Faculty of Arts and Sciences, Harvard University
2025–2026	Longevity Community Karen Choi, Urban Studies and Social Justice, Harvard University <i>Co-advised with Jennifer Molinsky, Project Director, Housing and Aging Society Program; Lecturer in Urban Planning and Design, Harvard University</i>

Funding

2025	MIT Morningside Academy for Design (MAD) Design Event Awardee Project topic: Home Futures: Adaptive Systems for a Warming World <i>Collaborated with Isabelle Lee in the Master in Design Studies program at Harvard Graduate School of Design</i>
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