

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	<p>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).</p>
	2025	<p>Northeastern University College of Arts, Media and Design, Boston, USA Adjunct Lecturer – Fall Term 2025 Course: ARTG 2400: Interaction Design Principles [link]</p>
	2025–2026	<p>University of Illinois Urbana-Champaign (UIUC), Illinois, USA External Critic –2025-2026 Industrial Design Graduate Program</p>
	2020–2023	<p>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>)</p>
	2020–2023	<p>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</p>
	2020–2025	<p>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>)</p>
	2020	<p>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</p>
	2024–2025	<p>Rhode Island School of Design (RISD) Makeathon Competition, Providence, USA – Jury, March 15, 2025 – Mentor, March 23, 2024</p>
	2015–2019	<p>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</p>
	2023–2024	<p>Shih Chien University, Taiwan Adjunct Associate Professor – Teach “Service Design” in the Asia Summer Program from July 2nd to July 10th, 2024 – Teach “Service Design” in the Asia Summer Program from June 17th to July 4th, 2023</p>
	2023	<p>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 14th to October 20th, 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</p>
	2023–2024	<p>Macromedia University, Munich, Germany Visiting Lecturer – Teach “Life-Centered Design” in Design Management Program from October 1st, 2023 to January 31st, 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</p>
	2022–2022	<p>Telkom University, Indonesia Visiting Professor (2022 Summer) – School of Creative Industries appoints as a Visiting Professor at Global Learning Week (GLOW)</p>
	2017–2019	<p>DaTao Master Academy, P.O.C. (China) Adjunct Associate Professor – Teaching: Ergonomic (I), (II), and (III)</p>
	Service	2026–2031
2025–2026		<p>Design Research Society (DRS) Conference, Edinburgh, United Kingdom</p>

		<p>Paper Track Co-Chair — LongevityTech Cities: Design for Age-Inclusive Urban Futures [link]</p>
	2026—2026	<p>The Participatory Design Conference 2026, Milan, Italy Programme Committee —Conference Theme: Peace, Dialogue, Coexistence</p>
	2025—2025	<p>International Association of Societies of Design Research (IASDR) 2025, Taipei, Taiwan Track Committee —Conference Theme: Design Next, and Track Theme: Design, Art, and Technology</p>
	2023—2024	<p>Design Research Society (DRS) Conference, Boston, USA Paper Track Co-Chair — Design for Longevity (D4L): Project Your Future Self through Service and Technology</p>
	2023—2024	<p>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</p>
	2023—2024	<p>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</p>
	2020—Present	<p>The Design Journal, Publisher Routledge Journal Reviewer [link pdf] — ISSN (online): 1756-3062 ISSN: 1460-6925</p>
	2020—Present	<p>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)</p>
	2012—Present	<p>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)</p>
Work Experience	2015—2019	<p>IDEO Industrial Designer and Electrical Engineer — Clients: NIKE, Procter & Gamble, Tsinghua University MBA program, Vichy, China Resources Land Limited, Fotile</p>
	2014—2015	<p>Continuum Industrial Designer and Design Strategist — Clients: Rubbermaid, Bank of China, UCAR Inc</p>
	2019—2019	<p>EMMA Creative Center Pforzheim, Germany Designers in Residence (Industrial Design) — Project: Small Things with Big Heart</p>
Design Award Jury	2026	GRANDS PRIX DU DESIGN Jury — Product Design [link]
	2026	April Open Mic Pitch Challenge by AgeTech Collaborative from AARP
	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 Facets 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: <i>Boundary Spanning Design for Better Organisation</i> (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: <i>Gender Perspectives for a Renewed Design Culture</i>. Chapter 8. (pp. 77–93). Springer. ISBN: 978-3-031-88554-2. 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: <i>Systemic Service Design</i>. 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: <i>Empathic Service Design: Challenges in design, analysis and services</i>. 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 **Design Leadership Beyond Expertise: Communities of Practice in the Age of AI**
Sheng-Hung Lee
In: *Design Management Institute (DMI): Review Issue, Vol. 37, No. 1* [[pdf](#)]
- 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 **Educating for Longevity: The Role of Immersive Technologies in Service Learning**
Sheng-Hung Lee, Joseph F. Coughlin, Sofie Hodara, and Maria Yang
 In: *International Association of Societies of Design Research (IASDR) Congress 2025 — Design Next, Taipei, Taiwan, 2025* [[conf](#) | [pdf](#)]
 DOI: <https://doi.org/10.21606/iasdr.2025.100>
- 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, P.L.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, Hamburg, 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
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Sheng-Hung Lee
In: MOT TIMES, March 22, 2021 [[article](#) | [pdf](#)]
- 2020 **After Covid-19 — The Street Observation and Innovation in the Lens of Experience Design**
【李盛弘專欄—我在 MIT 上設計課】街道上的「體驗設計」觀察—創新讓餐飲業找到疫情下的生存之道·9 個小巧思突破經營僵局
Sheng-Hung Lee
In: MOT TIMES, August 12, 2020 [[article](#) | [pdf](#)]
- 2020 **After Covid-19 — The Transformation of Design Platform and Its Future**
【李盛弘專欄—我在 MIT 上設計課】「疫」外收穫—從 4 大設計組織平台洞見世界潮流的趨勢轉變與機會
Sheng-Hung Lee
In: MOT TIMES, May 25, 2020 [[article](#) | [pdf](#)]
- 2020 **A Discussion on Experience Design Project: MIT Campus Tour Service Project as a Case Study**
【李盛弘專欄—我在 MIT 上設計課】MIT 校園導覽服務如何拿下 2020 A' Design Award? 看體驗設計的四大法則
Sheng-Hung Lee
In: MOT TIMES, March 11, 2020 [[article](#) | [pdf](#)]
- 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: MOT TIMES, December 11, 2019 [[article](#) | [pdf](#)]
- Invited Talks and
Lectures
- 2026 **From Interviews to Insights—Design Ethnography with ATLAS.ti**
Webinar Speaker invited by ATLAS.ti and Lumivero
In: Virtual Webinar, April 30, 2026 [[registration link](#)]
- 2026 **Can We Design Longevity? AI, Service Exposomes, and Tangible-Virtual Artifacts as Future Interventions**
Keynote Speaker invited by Subinay Malhotra, Assistant Professor, Industrial Design Department, Iowa State University

- In: *AI and Innovative Technology symposium, "Build/Innovate," Iowa State University, College of Design, Therikilsden Hall, April 17, 2026*
- 2026 **Design for Longevity Meets Immersive Futures**
Winter Lecture Series
In: *University of Michigan College of Architecture and Urban Planning, Room 2115, March 19, 2026*
- 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: *University of Illinois at Urbana-Champaign, College of Fine and Applied Arts, School of Art & Design, March 11, 2026*
- 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: *MIT Museum, March 6, 2026* [[website](#)]
- 2025 **From MIT to IDEO: Sheng-Hung Lee on the Future of Design and Education**
Design Education Talks invited by Lefteris Heretakis
In: *Virtual, November 28, 2025* [[website](#)]
- 2025 **Design for Longevity: An Empathic Service Design Framework**
Service Design Working Group Speaker invited by Cumulus 2025 Johannesburg
In: *Virtual, November 27, 2025*
- 2025 **Design for Longevity: Unlocked**
Dubai Design Week, collaborated with Sofie Hodara, Associate Teaching Professor in the College of Arts, Media, and Design at Northeastern University
In: *Dubai, UAE, November 4, 2025* [[website](#)]
- 2025 **Designing for Longevity**
Podcast Speaker invited by Brandon Krakowsky, Lecturer of the University of Pennsylvania School of Engineering and Applied Science
In: *Virtual, October 22, 2025* [[YouTube](#)]
- 2025 **Design for Longevity: Unlock**
Guest Lecturer invited by Judith Anderson, Professor of Industrial Design at Massachusetts College of Art and Design
In: *MassArt Product Development Lab, Boston, USA, September 29, 2025*
- 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: *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* [[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: *The Penn AI and Tech Collaboratory for Healthy Aging, June 26, 2025*
- 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: *Virtual, June 18, 2025*
- 2025 **Social Structures Relevant to Longevity Service Systems**
Service Design Working Group Speaker invited by Cumulus 2025 Nantes
In: *Virtual, June 6, 2025*
- 2025 **Design for Longevity: Service and System Innovation**
Keynote Speaker of Towards Symbiotic Futures
In: *FutureDays (Virtual), 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: *University of Michigan, Urban Technology, April 21, 2025*
- 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: *Tufts University, Human Factors Engineering, April 17, 2025*
- 2025 **Designing Aging Experiences with Sheng-Hung Lee**
Podcast Speaker interviewed by Prof. Gary David, Sociology, Bentley University
In: *Experience by Design, March 28, 2025* [[website](#)]

- 2025 **Collective Intelligence for a Cultural Landscape**
Panel Discussion with Stef Silva Rodríguez and Paqui Lizana invited by Future Days
In: *Future Days, February 19, 2025* [[live video](#)]
- 2025 **Design As Humanity**
Podcast Speaker interviewed by Prof. Lee Moreau, College of Arts, Media, and Design, Northeastern University
In: *Design Observer, February 4, 2025* [[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: *Course: ARTG 2400 Interaction Design Principles, Room 207, Ryder Hall, Northeastern University, January 22, 2025*
- 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: *Virtual (Service design and AI: cases, projects, and reflections), December 3, 2024* [[website](#)]
- 2024 **Designing for Longevity: Turning Vision into Reality**
Guest speaker invited by Prof. Ricardo Gomes, School of Design, San Francisco State University
In: *Virtual (DES 800 Graduate Design Seminar), November 20, 2024*
- 2024 **Longevity Planning Service Innovation**
Guest speaker invited by Prof. Bruce Hanington, School of Design, Carnegie Mellon University
In: *Virtual, 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: *University of Minnesota, College of Design, November 11, 2024*
- 2024 **Introduction to Accessibility (Course: SI 552)**
Guest panelist invited by Prof. Robin N. Brewer, School of Information, University of Michigan
In: *Virtual, November 11, 2024*
- 2024 **Longevity Planning Service Design**
Guest speaker invited by Prof. Yihyun Lim, USC Jimmy Iovine and Andre Young Academy
In: *Virtual, November 1, 2024*
- 2024 **Design and Health**
Guest speaker invited by Prof. Arch. Andreas Sicklinger, Industrial Design, University of Bologna
In: *Virtual, October 30, 2024* [[pdf](#)]
- 2024 **The Future of Design Education and Academia**
Panel Discussion with Prof. Helen Armstrong and Diane Pfeiffer invited by Loft Design
In: *Virtual, October 24, 2024* [[link](#)]
- 2024 **Embracing Design for Longevity with Sheng-Hung Lee**
Podcast Speaker interviewed by Deirdre Caren
In: *Virtual, October 21, 2024* [[YouTube](#)]
- 2024 **Embracing Everyday Battles: Sheng-Hung Lee on Life, Longevity, and Human Connection**
Podcast Speaker interviewed by Andrea Hiott
In: *Virtual, October 20, 2024* [[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: *Virtual, October 18, 2024*
- 2024 **Expression, Ecology, and Experience in Design for Longevity**
Keynote Speaker invited by Experience Research Society
In: *Bentley University, Waltham, MA, USA, October 12, 2024* [[website](#)]
- 2024 **Design for Longevity: Services, Science, and Systems**
Keynote Speaker invited by Red Dot Design Museum (Xiamen) and Social Design Action
In: *Chengdu Vartaim Cultural Tourism Development Co., Ltd. (China), August 28, 2024* [[website](#) | [pdf](#)]
- 2024 **Design for Longevity: Purpose, People, and Process**
Keynote Speaker invited by Jan Van Caneghem
In: *WAAI Design, August 22, 2024* [[webinar](#)]
- 2024 **Human-Centered Design and Innovation with Sheng-Hung Lee**
Podcast Speaker interviewed by Sami Birnbaum and Jared Turner
In: *Giant Robots, August 22, 2024* [[website](#) | [Spotify](#) | [Apple](#) | [pdf](#)]
- 2024 **Designing for Longevity with Sheng-Hung Lee: Embracing AI, Empathy, and Growth**

- Podcast Speaker interviewed by Gerry Scullion
In: *The Human Centered Design Podcast*, July 3, 2024 [[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: *Boston Public Library - Central Library*, June 22, 2024
- 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: *Bandung Creative Movement 2024*, June 6, 2024 [[website](#) | [pdf](#)]
- 2024 **LongevityTech and Service Design**
Guest Panelist invited by Silicon Valley Global Prospects Summit (SVGPS)
In: *Global Prospects Summit & Startup Pitches: People Behind AI and Macroeconomic Trends*, June 1, 2024 [[website](#)]
- 2024 **Design for Longevity: An Empathic Service Design Framework**
Keynote Speaker of Emerging Solutions for Empathic Service Design
In: *Finnish-American Research and Innovation Accelerator (FARIA) & Empathy Business Online Workshop*, May 28, 2024 [[website](#) | [pdf](#)]
- 2024 **Biodesign for the Ages: Redesigning R&D**
Episode panelist invited by Divya Gopalan
In: *TaiwanPlus*, 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: *Cumulus Working Group DEHA (Design for Health, Aging and wellbeing)*, 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: *Brown University China Summit 2024: Forward Focus*, 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: *A! What's Up*, December 30, 2023 [[YouTube](#) | [Spotify](#) | [Apple](#) | [SoundOn](#)]
- 2023 **Design for Longevity and AgeTech**
Guest Speaker invited by Professor Wynnica Chang, Department of Industrial Design
In: *National Cheng Kung University Department of Industrial Design*, November 13, 2023
- 2023 **Service Design in Greater Health Industry**
Guest Panelist invited by Taipei Entrepreneurs Hub (TEH)
In: *Global Health Tech Connects Taipei*, 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: *The Environmental Design Research Association (EDRA)*, November 1, 2023 [[website](#)]
- 2023 **Empowering people through service design**
Podcast Speaker interviewed by Sebastian Gier
In: *Design Drive EP79*, 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: *AT WISTARIA EPISODE 09*, September 9, 2023 [[Spotify](#) | [Apple](#) | [Google](#)]
- 2023 **Design for Longevity (D4L): Service Innovation through System Thinking**
Keynote Speaker of Design4Drupal, Boston
In: *Salem State University*, July 20, 2023 [[website](#) | [pdf](#)]
- 2023 **Building an AgeTech City**
Keynote Speaker of Building an AgeTech City: Service, Community, and Technology Symposium
In: *Taipei City Government*
- 2023 **Design for Longevity: AgeTech and Services**
Keynote Speaker
In: *Taipei Entrepreneurs Hub*
- 2023 **Design for Longevity: People, Product, Platform**
Keynote Speaker of Ideathon Taiwan—WeWe Futures: 2040 Diversity & Inclusion
In: *Taiwan Design Research Institute (TDRI)*
- 2023 **Service Design in Action: Transformation, Consideration, and System Thinking**
Guest Lecture of the graduate course (70 602: Service Design Futures)

- In: *The Oslo School of Architecture and Design (AHO)*
- 2023 **The Future of Service Prototyping**
Keynote Speaker of Webinar: The Future of Service Prototyping
In: *Cumulus Association, Service Design Group* [[website](#) | [pdf](#)]
- 2023 **Translate from User Journey Map to Design Prototyping Action**
Guest Lecture of the graduate course (ENP 220: Graduate Capstone)
In: *Tufts University, Human Factors Engineering*
- 2023 **Longevity Planning Block (LPB) Design for Inclusive Financial Planning Services**
Keynote Speaker of MIT Preparing for Longevity Advisory Network (PLAN) 2023 Forum
In: *Massachusetts Institute of Technology (MIT), Media Lab* [[website](#)]
- 2023 **Applying Human-Centered System Design to the Development of a Service Innovation**
Keynote Speaker of Aging Experience Workshop
In: *Tsinghua University, The Future Laboratory*
- 2023 **My "D" Journey**
Keynote Speaker of RISD Journey to Design
In: *Rhode Island School of Design, Industrial Design Building*
- 2023 **How do prototype user experience through the design process?**
Keynote Speaker of The Power of Creativity Conference
In: *Tec de Monterrey, Sonora Norte Campus*
- 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: *Massachusetts Institute of Technology (MIT) Samberg Conference Center* [[website](#) | [video](#)]
- 2022 **A Look into Design Leadership in MIT Laboratories**
Keynote Speaker
In: *World Design Organization (WDO), Virtual* [[website](#) | [video](#)]
- 2022 **Harvard xDesign: Power in Teams**
Moderator
In: *Harvard xDesign Conference, USA* [[website](#)]
- 2021 **Human-Centered System Design From Methodology to Implementation—Footwear for the Aging Population**
Keynote Speaker
In: *International Experience Design Conference (IxDC), China* [[website](#)]
- 2021 **Harvard xDesign: Constructing Reality**
Moderator
In: *Harvard xDesign Conference, USA* [[website](#)]
- 2021 **Make ToGather: Interaction Design Webinar + Workshop**
Lecturer with Ziyuan Zhu
In: *Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA* [[website](#)]
- 2021 **Creative Problem-Solving: NEET (New Engineering Education Transformation) Way of Thinking**
Lecturer with Dr. Rea Lavi
In: *Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA* [[website](#)]
- 2021 **Humanity-centered System Design**
Lecturer and Mentor
In: *Power Station of Art (PSA)—Blue Cables in Venetian Watercourse, P.O.C. (China)*
- 2020 **Connecting the People**
Keynote Speaker
In: *Rhode Island School of Design (RISD) Make-A-Thon: Connecting the Dots, USA*
- 2020 **Design Career Discussion: Presenting Yourself in a Virtual Environment**
Mentor and Panel Discussion
In: *Pratt Institute—Pratt Virtual Career Day, USA*
- 2020 **Prototype User Experience Through Product Design Approach**
Keynote Speaker
In: *Taipei Product Developers Conference (TPDC), Taiwan* [[website](#) | [pdf](#)]
- 2020 **Translate Daily Innovation and Observation into Meaningful Designs**
Keynote Speaker
In: *SHiFT Design, USA* [[website](#) | [pdf](#)]

- 2020 **Rapid Prototype the User Experience from Ideas to Implementation**
Keynote Speaker and Workshop Facilitator
In: *ING Creative, United Arab Emirates*
- 2020 **Experience Design**
Keynote Speaker interviewed by Craig Mackiewicz
In: *Exploded View Podcast, USA* [[website](#) | [pdf](#)]
- 2020 **After Covid-19 — The Transformation of Design Platform and Its Future**
Keynote Speaker
In: *Tsinghua University—TrendTouch, P.O.C. (China)*
- 2018 **Design Thinking Drives Public Service Innovations — Redesign Shanghai Library Innovation Space**
Keynote Speaker
In: *International eXperience Design Committee (IXDC), P.O.C. (China)* [[website](#)]
- 2018 **Reimagine User's Future Learning Experience in Public Library**
Keynote Speaker
In: *2018 MIX Innovation Conference, Taipei City, Taiwan* [[website](#) | [pdf](#)]
- 2018 **Universal Design and Its Application in Life**
Keynote Speaker
In: *5th International Conference of Bandung Creative Movement (BCM), Telkom University, Indonesia*
- 2017 **Rethinking Design: Moving Your Eyes from Your Head to Your Heart**
Speaker
In: *TEDxFuxingPark, P.O.C. (China)* [[website](#)]
- 2017 **A Story Behind the Bar**
Speaker
In: *IDEO Under the Influence, P.O.C. (China)* [[website](#)]
- 2017 **Introduction and Inspiration from CMF of Product Design**
Lecturer and Workshop Facilitator
In: *Tsinghua University—Academy of Arts & Design, P.O.C. (China)*
- 2017 **International Artificial Intelligence and Industrial Design Trend**
Speaker and Panel Discussion
In: *China (Wuxi) International Design Expo, P.O.C. (China)*

Design Exhibitions

- 2024 **Good Interventions: An Economic and Strategic Design Exhibition**
Project: Longevity Planning Blocks [[website](#) | [pdf](#)]
In: *Parsons School of Design, New York, USA*
- 2024 **Red Dot Design Museum Xiamen: Social Design Action**
Project: Design for Longevity [[pdf](#)]
In: *Xiamen, China*
- 2023 **Venice Innovation Design (VID)**
Project: Design for Longevity: Sustainable Life-Centered Services
In: *Venice, Italy*
- 2021 **MIT Wiesner Gallery**
Project: DESIGN: INCLUSIVE
In: *Cambridge, USA*
- 2020 **Dubai Design Week Global Grad Show**
Project: Tube 7 — Modular Lamp Design
In: *Dubai, United Arab Emirates*
- 2020 **Dubai Design Week Global Grad Show**
Project: Fresh Tracker — A System for Smart Food Stocking
In: *Dubai, United Arab Emirates*
- 2019 **Cooper Hewitt Design Triennial**
Project: TetraPOT 2.0
In: *New York, USA*
- 2019 **Cube Design Museum**
Project: TetraPOT 2.0
In: *Kerkrade, Netherlands*
- 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	2026	Service Design + Longevity Planning with Sheng-Hung Lee Project: Design for Longevity In: <i>Urban Technology at University of Michigan</i> , April 17, 2026 [link]
	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: *MIT News*, May 16, 2024 [[article](#) | [website pdf](#)]
- 2023 **Sheng-Hung Lee Designing Tomorrow's Society**
Project: Sheng-Hung Lee's Design Portfolios
In: *Homa Design Magazine* #3, 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: *MIT AgeLab* [[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: *MIT AgeLab* [[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: *La Repubblica* [[article](#) | [pdf](#)]
- 2023 **VID 2023: forward-thinking projects and talks on innovation and sustainability**
Project: Design for Longevity (D4L): Sustainable Life-Centered Services
In: *DesignWanted — Design Events* [[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: *MIT News*, 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: *CNN — Style* [[article](#) | [pdf](#)]
- 2020 **'Quarantent' and 'Farewell Suit' among the designs in a global competition to fight coronavirus**
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	2019	Creative Writing: The Craft of Setting and Description Coursera Credential ID: 5NC74JEF CGDE
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	2019	Creative Writing: The Craft of Character Coursera Credential ID: TJTC2HDLQKB9
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	2015	Entrepreneurship: Launching an Innovative Business Specialization Coursera Credential ID: DRWBGJKJ3RKH
	2015	Innovation for Entrepreneurs: From Idea to Marketplace Coursera Credential ID: F8KGF8AZ5H
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	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: DJCXZX6VVY
	2013	Creative, Serious and Playful Science of Android Apps Coursera Credential ID: KAH9G8WGCF
Mentorship	2024–2025	Master Thesis as Reader 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>
	2025–2026	Undergraduate Thesis Advisor Special Concentrations, Faculty of Arts and Sciences, Harvard University 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

Collaborated with Isabelle Lee in the Master in Design Studies program at Harvard Graduate School of Design