

Meichun Liu

Website

Portfolio: https://issuu.com/meichunliu/docs/portfolio-meichun_liu

Education

- 2018/08 – 2022/05 **Ph.D.**, Ph.D. in Design, North Carolina State University, USA.
Thesis title: "An Agent-Based Approach to Adaptive Design via Augmented Artifacts in Complex Systems."
Thesis Advisor: Professor Tsai-Lu Liu
- 1997/09 – 2000/06 **MDes**, Department of Art and Design, University of Alberta, Canada.
Thesis title: "Studying the Meanings and Roles of Objects from a Design Perspective."
Thesis Advisor: Professor Jorge Frascara
- 1992/09 – 1996/06 **BSc**, Department of Industrial Design, National Cheng Kung University (NCKU), Taiwan.

Professional Appointments

- 2022/09 - Present **Assistant Professor of Industrial Design**
University of Washington, USA.
- 2021/09 – 2022/08 **Visiting Associate Professor of Industrial Design**
National Cheng Kung University, Taiwan.
Taught industrial design courses and instructed graduate students.
- 2020/08 – 2021/04 **Teaching Assistant of Industrial Design**
North Carolina State University, USA.
Supported the main professor in teaching product design courses.
- 2017/08 – 2018/02 **Adjunct Professor of Industrial Design**
National Taipei University of Technology, Taiwan.
Taught product design studio courses.
- 2017/08 – 2018/02 **Adjunct Professor of Industrial Design**
National Cheng Kung University, Taiwan.
Taught product design studio courses.
- 2011/08 – 2017/02 **Associate Professor of Product Design**
Department Chair, Department of Creative Product Design.
Executive Secretary, International Design Program.
Asia University, Taiwan.
Taught courses including product design, user experience design, universal design, design methods. Supervised, supported, and coordinated administrative work in the department and program.
- 2010/02 – 2019/03 **Founder & Design Director**
Wolkeland Design Inc., Taiwan.
Managed a design team for product development. Projects included Yulon Motor electric bus,

Bonux iMusic speaker, Yuguang island exhibition space, bamboo fountain pen. Participated in various design exhibits with installations and craft-inspired design products.

- 2005/08 – 2009/05 **Senior Designer**
IPEVO Inc., Taiwan.
Designed IPEVO brand products including Skype conference phones, Web cameras, Bluetooth speakers, and digital frames. Also designed products including Proton speaker system, MSN handset, personal IP phone for Mac, KKBox internet speaker, and A-Data USB drive. Supervised a design team for project development from market research to mass production.
- 2004/09 – 2005/03 **Visiting Designer**
Designaffairs GmbH, Germany.
Participated in a joint program of Taiwan Creative Center and Designaffairs GmbH. Designed Siemens Mobile cellphones and wireless phones, LG monitors and refrigerators, Redbull promotional products, etc.
- 2001/11 – 2004/03 **Industrial Designer**
Gigabyte Technology Co, Taiwan.
Designed computer related products including notebooks, LCD monitors, keyboards, mouse, routers, and presenters.
- 2000/07 – 2001/05 **Designer**
Softchina Technology, Taiwan.
Designed visual communication products including websites, user interface, publications, packaging.
- 1997/09 – 1999/06 **Teaching Assistant of Industrial Design**
University of Alberta, Canada.
Assisted the main professor in teaching undergraduate industrial design courses.

Publications

- 2016 - 2017 **Translations**
Case, A. (2016). *Calm Technology*. (M. Liu, Trans.). GoTop.
King, S. & Chang, K. (2017). *Understanding Industrial Design*. (M. Liu, Trans.). GoTop.
- 2011 - 2015 **Books**
Liu, M. (2015). *What an Object Says About Design*. Wolkeland Design.
Liu, M. (2011). *Design for Meaningful Experience*. Wolkeland Design.

Research and Academy-Industry Cooperation Projects

- 2020 - 2021 **Research Assistant**. Pediatric complex care design project, a joint project between NCSU and Duke Healthcare System.
- 2019 - 2022 **Researcher**. Thesis project: An agent-based approach to adaptive design via augmented artifacts in complex systems.
- 2014 - 2016 **PI**. National program for intelligent electronics (NPIE), sub-project 5: Wearable intraocular pressure monitoring device and application software development.
- 2013 - 2016 **PI**. EEG helmet and peripherals, a joint project between Asia U. and Biomedical Engineering Research & Development Center, China Medical University.
- 2016 **Co-PI**. Light control interface design, a joint project between Asia U. and Cincon Electronics Co., Ltd.
- 2016 **PI**. Designs for visually impaired children, a joint project between Asia U. and Taichung Huiming School

- for the Blind.
- 2016 **Co-PI.** Food utensil design, a joint project between Asia U. and San Neng Bake Ware Corporation
- 2015 **Co-PI.** U19 National creativity and innovation competition, a joint project between Asia U. and Economic Development Bureau, Taichung government.
- 2015 **PI.** Cultural creative product design, a joint project between Asia U. and Weile Creative Marketing Co., Ltd.
- 2015 **Co-PI.** KOI identification & uniform design, a joint project between Asia U. and KOI Limited Co.
- 2015 **PI.** Fuchi identification and packaging design, a joint project between Asia University and Shining Integrated Marketing.
- 2014 - 2015 **PI.** Sensalight smart LED table lamp design, a joint project between Asia U. and Industrial Technology Research Institute.
- 2014 **PI.** Ceiling fan design (phase II), a joint project between Asia U. and Harsey Enterprise.
- 2014 **PI.** Advanced ceiling fan design, a joint project between Asia U. and Harsey Enterprise.
- 2014 **Co-PI.** Taichung light festival, a joint project between Asia U. and Cultural Affairs Bureau, Taichung Government.
- 2013 **PI.** Ceiling fan design (Phase I), a joint project between Asia U. and Harsey Enterprise.
- 2013 **PI.** SCARA and Tube grinding machine design, a joint project between Asia U. and Hiwin Technologies Corp.
- 2013 **PI.** Bicycle accessory design, a joint project between Asia U. and Sunny Wheel Ind. Co., LTD.
- 2012 **PI.** Peng hu Chi-Mei island cultural and creative product design, a joint project between Asia U. and Tourism Bureau, Peng Hu county government.
- 2012 **PI.** OSOC - One School One Craft, a joint project between Asia U. and National Taiwan Craft Research Institute.
- 2012 **PI.** Handicraft design for aging people, a joint project between Wolkeland Design and National Taiwan Craft Research Institute.
- 2012 **PI.** Pierre Cardin mobile phone accessory design, a joint project between Asia U. and UKADONS International Ltd.

Awards

- 2018 **Graduate Study Fulbright Grant** (USA and Taiwan). Full scholarship for Ph.D. studies in the US.
- 2017 **iF Packaging Design Award** (Germany). Limu Pear Packaging.
- 2016 **Taichung Excellent Educator Award** (Taiwan) (one recipient per school).
- 2016 **Asia University Excellent Teaching Award** (Taiwan) (one recipient per college).
- 2015 **National Innovation Award** (Taiwan). Development and pre-clinical trial of long-term wireless intraocular pressure monitoring system.
- 2015 **Taiwan International Invention and Design Award** (Taiwan). Lin rush pillow.
- 2014 **G-Mark Design Award** (Japan): Souvenir design for the opening of Asia Museum of Modern Art.
- 2013 **Tainan Creative Product Award** (Taiwan). Layers of Tainan: Glass saucers.
- 2012 **International Franz Design Award: Bronze Award** (Taiwan). Light mushroom.
- 2011 **Tainan Creative Product Award** (Taiwan). Gate bag.
- 2009 **Red Dot Product Design Award** (Germany). Kaleido R7: Digital frame.

- 2008 **G-Mark Product Design Award** (Japan). Kaleido R7: Digital frame.
- 2007 **Taiwan UDesign Award** (Taiwan). Trio: Skype speaker phone.
- 2006 **iF Product Design Award** (Germany). Xing: Skype conference phone.
- 2006 **iF Product Design Award** (Germany), **Red Dot Product Design Award** (Germany), **G-Mark Design Award** (Japan). Free.1: Skype handset.
- 2005 **Grandeza Award**, Rekorder Rennen (Germany).
- 2004 **National Awards of Excellence** (Taiwan). Flex Pointer: Presenter.
- 2003 **Symbol of Excellence** (Taiwan). Flex Pointer: Presenter.
- 1997 - 1999 **University of Alberta Master of Fine Arts (MFA), Master of Design (MDes) Scholarship** (Canada).
- 1995 **International Leisure Two-Wheeled Vehicle Design Competition** (Taiwan), 1st Place.

Professional Experience

- 2014 - 2016 **Executive Council Member**. NCKU Industrial Design Alumni Association.
- 2015 **Advisor**. Master's degree thesis: "Product Design Based Great Experience: Using Picnic as an Example", Yen-Ru Lin, Asia University.
- 2015 **Advisor**. Master's degree thesis: "Digital Intraocular Pressure Monitoring Device and Application Software Interface Design", Jia-Wei Hu, Asia University.
- 2015 **Instructor**. Lou-Yang Design Workshop, Lou-Yang, China.
- 2015 **Instructor**. Moe Scholarship Program for Overseas Study in Art and Design Workshop, NCKU, Taiwan.
- 2015 **Instructor**. Lin Rush Design Award Workshop, Taiwan.
- 2015 **Award Jury**. Lin Rush Design Award, Taiwan.
- 2015 **Oral Presenter** (co-author). "Design Study on Insulation Material for Thermal Bag" and "Influences of Table Game on Interactive Learning and Personal Relationship", 2015 The 20th Conference of Chinese Institution of Design & The 2nd International Design Study Forum and Conference (Taiwan).
- 2015 **Organizer**. The Evolution of Thinking International Workshop, Asia University.
- 2014 **Oral Presenter** (co-author). "Branding Strategy of Taiwan Cultural Creative Industry in the Chinese Market", "Designer's Toys in Taiwan", and "Study on Color Cognition of Public Servants", 2014 The 19th Conference of Chinese Institution of Design (Taiwan).
- 2014 **Organizer**. Georgia State University and Asia University Design Forum, Asia University.
- 2014 **Instructor**. Master Academy Workshop, Dung Hua University, Taiwan.
- 2014 **Instructor**. New Generation of Lin Rush Design Workshop, Taiwan.
- 2014 **Award Jury**. Lin Rush Design Award, Taiwan.
- 2014 **Award Jury**. Taiwan Top Craft Fair in Mainland China Selection Project, National Taiwan Craft Research Institute.
- 2013 **Advisor**. Undergraduate student's thesis (funded by Ministry of Science and Technology Taiwan): "Design Research on Household Emergency Preparation for Young Children", Meng-Ching Ho, Asia University.
- 2013 **Organizer**. One School One Craft (OSOC) Workshops, National Taiwan Craft Research Institute.
- 2013 **Speaker**. NCKU ID Alumni TID Forum.
- 2013 **Speaker**. Special Education Conference, Taoyuan Innovation Institute of Technology.
- 2013 **Instructor**. Top Future Design Workshop, Asia University.

- 2013 **Speaker.** Design Tainan: Craft VS Design Workshop, Tainan Cultural Bureau.
- 2012 **Instructor.** Intelligent Living Space International Design Workshop, NCKU.
- 2012 **Jury.** "Animal Magicians", Educational TV program (6 episodes), Taiwan.
- 2011 **Instructor.** Moe Scholarship Program for Overseas Study in Art and Design Workshop, NCKU, Taiwan.

Exhibitions (Invited designer)

- 2016 09/23 - 10/02 **Taiwan Designer's Week**, Taipei Cultural and Creative Park.
- 2015 04/29 - 05/04 **Creative Expo Taiwan**, Huashan 1914 Creative Park, Taipei.
- 03/27 - 04/22 **Discovering Technology Treasures**, Taipei Cultural and Creative Park.
- 02/14 - 03/22 **Tainan Gift Exhibition**, Tainan Creative Center.
- 2014 10/03 - 10/12 **Taiwan Designer's Week**, Taipei Cultural and Creative Park.
- 08/29 - 09/28 **Dian Shin/Design Refreshment Exhibition**, Tainan Creative Center.
- 2013 11/23 - 12/29 **Play Together Installation Exhibition**, Wanhua Lin House, Taipei.
- 09/27 - 10/02 **Taiwan Designer's Week**, Floral Expo Hall Taipei.
- 08/23 - 09/22 **Dian Shin/Design Refreshment Exhibition**, Tainan Creative Center.
- 2012 09/14 - 09/23 **Taiwan Designer's Week**, Floral Expo Hall Taipei.
- 05/12 - 07/11 **Dian Shin/Design Refreshment Exhibition**, Tainan Creative Center.
- 2011 12/12 - 02/26 **Sharing Happiness Design Exhibition**, Taichung Broadcast Studio.
- 09/16 - 09/25 **Dian Shin/Design Refreshment Exhibition** in Taiwan Designer's Week, Huashan 1914 Creative Park, Taipei
- 07/29 - 10/16 **Jimmy - How to Own A Corner Exhibition**, Huashan 1914 Creative Park, Taipei.
- 03/25 - 10/16 **Light Craft Exhibition**, National Taiwan Craft Research and Development Institute, Nantou.
- 02/12 - 03/27 **Lumintree House Exhibition**, Treasure Hill, Taipei.
- 2010 09/16 - 09/25 **Dian Shin/Design Refreshment Exhibition** in Taiwan Designer's Week, Huashan 1914 Creative Park, Taipei.
- 2009 12/05 - 03/05 **Tea Living and Design Exhibition** in Taiwan Designer's Week, Huashan 1914 Creative Park, Taipei.
- 08/28 - 09/06 **Dian Shin/Design Refreshment Exhibition** in Taiwan Designer's Week, Huashan 1914 Creative Park, Taipei.
- 2008 06/28 - 07/04 **Dian Shin/Design Refreshment Exhibition** in Taiwan Designer's Week, Four-four South Park, Taipei.
- 2007 06/29 - 07/05 **Dian Shin/Design Refreshment Exhibition** in Taiwan Designer's Week, Eslite Bookstore, Taipei.

Designs introduced in

- Ivanova, A. (2017). *Taiwan By Design: 88 Products for Better Living*. Intellect Ltd.
- Yeh, Z. S. (Ed.). (2015). *Gift for Tainan*. Tainan Cultural Bureau.
- Hu, Y. Z. (Ed.). (2014). *Fundamentals*. NDD Design Tainan.

Hu, Y. Z. (Ed.). (2013). *Treasure Trove Taiwan: A Reference Guide to Future Heirlooms from Taiwan*. NDD Design Tainan.
Taiwan Designers' Web (Ed.). (2013). *Around: Ideas Within Life*. Ecus Publishing House.
Hu, Y. Z. (Ed.). (2012). *Tainan Touch: An Essential Guide to Taiwan Cultural Products*. NDD Design Tainan.
Taiwan Designers' Web (Ed.). (2011). *WISH - A View for the Future*. Yuan-Liou Publishing.
Taiwan Designers' Web (Ed.). (2010). *Care, I Care*. Yuan-Liou Publishing.
Taiwan Designers' Web (Ed.). (2009). *Share & Enjoy*. Yuan-Liou Publishing.
Taiwan Designers' Web (Ed.). (2008). *Design & Beyond*. Garden City Publishing.

Patents

Rearrangeable Braille Plate for the Blind: R.O.C. New Model Patent No. M531027

Ice Net: R.O.C. New Model Patent No. M514834.

Roll-n-Click Light Fixture: R.O.C. New Model Patent No. M497224.

Multi-functional Hammer: R.O.C. New Model Patent No. M456888.

Elastic Band Hand Grip: New Model Patent No. M446008.

Speaker: R.O.C. New Type Patent No. D132298.

Digital Frame: R.O.C. New Type Patent No. D125554.

Phone: R.O.C. New Type Patent No. D124990.