

Xue (Stella) Dong

xdong@esu.edu

<http://dongxueid.wix.com/xue-dong-portfolio>

Education

Auburn University | Auburn, AL

Master of Industrial Design GPA: 3.82 / 4.00

Tongji University | Shanghai, China

Bachelor of Industrial Design GPA: 3.20 / 4.0

Experience

East Stroudsburg University | Associate Professor

Aug 2019-Present | East Stroudsburg, PA

- Teach 2D Design, 3D Design, Product Design I/II/III, Material and Processes, CAD Design, Supervise Internship
- Student Mentorship & Advising
- Maintain ongoing creative endeavors in art/design practice, conduct research and generate external funding, and participate in academic and professional service activities
- Curriculum Development & University & College Committees
- Collaborate with Lehigh Valley Hospitals Network (LVHN), Vizvibe LLC, Ivyne LLC
- Marathon Studio.Inc, Verde Mantis 3D-Printer, ESU Esports, Waste Not Technology, and Determined Products LLC

Senior Lecturer | Lawrence Technological University

August 2018-July 2019

- Full-time faculty for College of Architecture and Design industrial design program
- University & College committees
- Coordination of coursework
- Student advising and recruitment

Lanzhou Ruiyuan Machinery and Equipment Co., Ltd | Design Engineer

Dec 2017-Aug 2018 | Lanzhou, China

- Design and develop the parts of the multi-field laboratory equipment
- Revise the design and create drawings based on the customer's requirement

ToolCare-US LLC | Tooling Engineer

July 2016-Nov 2017

- Work on the automotive mold such as speaker grille, debris panels and interior parts
- Revise inserts to make different versions of the mold (National Seating)
- Create all kinds of engineer changes for the mold
- Add vent for ribs, add stops for mold plate
- Create electrode for machining the mold
- Developed two new mold for Kohler

ToolCare-US LLC | Design Engineering Intern

May 2015- Dec 2015

- Helping the shop by providing technical support, communicate with technical drawings
- Working on metal molds and repair the mold for effective manufacturing
- Revise issues and create inserts for the existing mold

Auburn University | Graduate Teaching Assistant

Jan 2014 - Dec 2015 | Auburn, AL

- Assisted in teaching design studio/lab courses, including Three-Dimensional Industrial Design Principles, Photography, Anthropometry, and Professional Portfolio
- Assisted with the development of course materials and curriculum
- Assisted professors with grading student work and organizing field trips

Volvo Trucks | Sponsored Project

March 2013 - June 2013 | Shanghai, China & Gothenburg, Sweden

- Conducted research with stakeholders related to logistic industry
- Built relationship between freight market and Volvo Trucks Shanghai Branch
- Organized workshop & held exhibition in Volvo Headquarters Gothenburg, Sweden
- Research publication: http://test.joyweb.cn/tech_world

Publications

- Dong, Xue, Qi.Li-jian. NIR Characteristics and Application of Synthetic Hydrothermal Red Beryl Spectroscopy and Spectral Analysis. 2019, 39 (2): p 517-512
- Delogu, F., Gravina, M., Dong, X., Frolka, M., Kuhn, D., & Yu, N. (2021). Tactile beauty is in the hand, but also in the eye of the beholder: Interaction between haptic and visual experiences in aesthetic judgement. Psychology of Aesthetics, Creativity, and the Arts, 15(4), 725.

- Dong, Xue. Building an Accessible Design Studio for the Future Equitable Education. *IDSIA Innovation Magazine*, 2022, Winter Issue: p 64-67
- Chinese Utility Model Patent: Xue Dong, Duixiong Sun, Anti-fall Infusion Support Patent Number: ZL 201821380202.3
- Chinese Utility Model Patent: Xue Dong, Duixiong Sun, Funny Child's Shower System Patent Number: ZL 201821380203.8
- Dong, Xue., Carol Dimopoulos. Cultivating Strategic Mindset Through a Co-design Project. (2023). *Industrial Designers Society of America Education Paper*
- Dong, X. (2024). Effective Approaches of Interdisciplinary Collaboration In the Foundation Design Course. In: Cliff (Sungsoo) Shin and Yong-Gyun Ghim (eds) *Interdisciplinary Practice in Industrial Design*. AHFE (2024) International Conference. AHFE Open Access, vol 144. AHFE International, USA.

<http://doi.org/10.54941/ahfe1005124>

Citations in bibliographical entries

- Thundathil, M., Nazmi, A. R., Shahri, B., Emerson, N., Müssig, J., & Huber, T. (2023). Visual–Tactile Perception of Biobased Composites. *Materials*, 16(5), 1844.
- Lauwrens, J. (2023). What blind people can teach sighted viewers about art. *The Senses and Society*, 1-16.
- Dai, Z., Hoe, T. W., Wang, S., & Xue, J. (2023). Tactile Perception in Aesthetic Evaluation: A Systematic Review. *Journal of Aesthetic Education*, 57(4), 98-124.
- Thundathil, M., Nazmi, A. R., Shahri, B., Emerson, N., Müssig, J., & Huber, T. (2023). Tactility in Perception of Biobased Composites.
- Delogu, F., Nelson, M., Timmons, S. C., Weinstein, M., Bhattacharya, B., Jaussen, P., ... & Moore, H. P. (2023, October). A systemic transformation of an arts and sciences curriculum to nurture inclusive excellence of all students through course-based research experiences. In *Frontiers in Education* (Vol. 8, p. 1142572). Frontiers Media SA.

Grants and Fellowship

- Project entitled: Attractiveness Analysis in Product Design by Using Eye Tracking Technology awarded the ESU FDR 2019-20 Spring Round 1 Mini Grant
- "Campus Suvenior Innovation-Case Study of Tongji University" was funded by 2009 National Undergraduate Innovation Program"
- Project entitled: Prototyping and Manufacturing PPE Supplies for COVID-19 by Using 3D Printing and Digital Fabrication awarded for 2020 ESU S.U.E.R
- (Summer Undergraduate Experience Research, CO-PI, Darlene Farris-Labar)

- Project entitled: PPE manufacturers & suppliers responding to reopen challenges during COVID-19 awarded 2020 ESU Out of the Box grant (Co-PI, Darlene Farris-Labar, Laura Walker)
- Project entitled: Incorporating Generative Design in Art and Design Education awarded of \$6419 2021 State System Faculty Professional Development Council (FPDC) Grants
- Project entitled: Incorporate VR/AR into Visual Arts Education and Campus Activity awarded of \$2500 2021 Out of the Box Grant
- Project entitled: Madelon Powers Gallery Presents, Steven Rost's Solo Exhibition Awarded \$1000 2022-23 ESU Foundation Grant
- Project entitled: Create Moveable Anatomy 3D Models for Human Anatomy Education \$700 for 2024-25 ESU Foundation Grant

Conference Presentations

- Xue Dong, Malorie Gorman., James Holloway. (2021). Incorporating Creative Mindsets into the Covid-19 PPE Design Exploration. Paper Presented at the Pennsylvania Art Education Association Virtually, Oct. 2021
- Presented” 3D Printing in Product Design Curriculum” to the Woman in 3D Printing Asia 2022 Conference on Oct.27th, 2022, hosted by Women in 3D Printing (Wi3DP)
- Xue Dong. (2021). Foster Entrepreneurial Mindsets through Curriculum and extracurricular activities. Paper Presented at "The Business of Design Deep Dive 2021", hosted by IDSA (Industrial Design Society of American).Virtually, Nov, 2021
- Xue Dong., Daniel Zimmerman., James Holloway. (2022). Incorporating Engineering Mindsets and Skillsets into Art+Design Education. Paper Presented at the National Art Education Association Convocation, March. 2022
- Presented "Simplifying Injection Molding Part Design Through SolidWorks Workflow" and" Improving Surfacing Modeling Through 3D Sketch and Projected Curves" to the 2022 3DExperience World, Feb.6-9. 2022
- Presented” Empowering Entrepreneurial Success: Fostering Strategic Mindset Through Co-Collaborative Project” on Oct.18th, 2023 to the Design Entrepreneurship Deep Dive (hosted by Industrial Design Society of America)
- Xue Dong., Franco Delogu. (2019). Tactile Beauty is in the Hand, but also in the Eye of the Beholder and Aesthetic Evaluation of Physical Joints in Product Design. Paper Presented at the Boundless: Arts and Intellect Conference in Millersville University. Millersville University, PA, Oct. 2019

- Xue Dong. (2020). Presented “Design Thinking in Problem-Solving and Product Development” to the ESU 2020 Fall Provost Colloquium Series
- Xue Dong., Carol Dimopoulos. (2024). Presented “Empower Entrepreneurial Mindset through Co-design Project” to the ESU 2023-24 Provost Colloquium Series
- Xue Dong., Carol Dimopoulos., Stelios Melekos. (2024). Presented “Empowering Entrepreneurial Mindset Through Co-Design Collaboration” to the 7th annual tecBRIDGE Innovation Conference, Scranton, PA, Aug.2024
- Xue Dong., Carol Dimopoulos. (2024). Presented “Reframing Curricular Structures Through Experiential Interdisciplinary Learning Experiences” to the Gardner Institute Symposium for Transforming the Postsecondary Experience, Pittsburgh, PA, October 10-11, 2024.
- Xue Dong., Morgan Randolph. (2025). Presented “Incorporate 3D Printing in Product Design Curriculum” to the 3D Printing Expo at Bucks, Newton, PA, March. 2025

Media Coverage

- <https://www.idsa.org/news/designbytes>
- Membership Spotlight: Xue (Stella) Dong, IDSA works on PPE with East Stroudsburg University
- **CHANNEL 16 NEWS WNEP**
- ESU teams up with 3-D printing company to make personal protective equipment
- **POCONO Records Newspaper**
- ESU professors partner with company to create 3D-printed ‘shields’ for health care workers
- **IDSA Northeast District Spotlight | National Industrial Design Day 2022:**
<https://www.idsa.org/news/member-news/>
- [idsa-northeast-district-spotlight-national-industrialdesign-day-2022](https://www.idsa.org/news/member-news/idsa-northeast-district-spotlight-national-industrialdesign-day-2022)

Professional Membership or Affiliation

- IDSA (Industrial Designers Society of America) Membership
- Woman in 3D Printing Ambassador Admin of Greater Pocono Chapter
- National Art Education Association (NAEA) Membership
- Pocono Arts Council Membership
- SWUGNYC (Solidworks User Group New York City Chapter) Membership