

CURRICULUM VITAE

XIAOYU CHEN

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EDUCATION

- 2019- Ph. D student & Research Assistant
 Department of Interior Design, University of Florida
 Advisor: Lisa Sundahl Platt, Ph.D.
- 2015-2018 Master of Architecture & Teaching Assistant
 School of Architecture & Urban Planning, Huazhong University of
 Science and Technology
 Advisor: Baofeng Li, Ph.D.
 Thesis: A Study on the Weight-Reduction and Water-Retained Green Roof
- 2016-2017 Master of Science in Architectural Studies
 School of Architecture, University of Florida
 Advisor: Donna L. Cohen, M.Arch
 Thesis: Contemporary Storm Water Management: Green Roof and Walls
- 2011-2015 Bachelor of Art and Design
 School of Architecture & Urban Planning, Huazhong University of
 Science and Technology
 Thesis: A study on the Public Service Facilities of College
 Buildings-taking the Wuhan National Laboratory for Optoelectronics as an
 Example

RESEARCH INTERESTS

Sustainable design, healthcare indoor environment, surface materials, infection control, life cycle cost analysis, socio-ecological model

GRADUARE RESEARCH EXPERIENCE

Infection Prevention through Design Laboratory
University of Florida, Aug 2020-Present

- Proposed socio-ecological model factors associated with healthcare-associated infections based on studying peer-reviewed literature and principal component analysis.
- Built an intelligent interior material framework for Intensive Care Units (ICUs), including cost analysis, resistance to pathogens, and robustness to cleaning procedures

International Center for Adaptation Planning and Design
University of Florida, Aug 2019- July 2020

- Examined the connection between transit and Transportation Network Companies (TNCs) in Pinellas County for statewide application based on literature reviews.
- Evaluated the effectiveness and funding mechanism of the Downtowner Service in Tampa, Florida for statewide application through spatial pattern and temporal pattern analysis.
- Designed survey and distribution through online and in person.

Li Baofeng Studio

Huazhong University of Science and Technology, Sep 2015- June 2018

- National minority Tujia architecture and bridge structure design by using Adobe CAD and Sketch Up, and structural design of a Dinosaur Egg Museum
- Provided research support, case writing and data analysis, managed case submission process, edited, redrafted, and commented on working papers

TEACHING EXPERIENCE

Guest Lecture, IND 2422 Interior Finished and Materials

University of Florida, Fall 2021

Topic: Healthcare Indoor Material Sustainability and Infection Prevention Safety

Teaching Assistant, Building Structure

Huazhong University of Science and Technology, Fall 2015

Advised 100+ students on the course material, research design, and extracurricular opportunities.

CONFERENCE PROCEEDINGS

1. Xiaoyu Chen, Ruiyuan Yang. "Green Strategies for Sustainable Site: A Bioswale Approach" 2017 2nd World Congress on Energy, Environment and Sustainable Development (October 2017)
2. Xiaoyu Chen. " A sustainable development cycling system in Groningen" The Seventh 21st Century Urban Development International Conference, Wuhan, China (October 2017).
3. Xiaoyu Chen, Ting Han. "Analysis on characteristics and trends of water spatial pattern evolution in Wuhan" Annual National Planning Conference 2018, Hangzhou, China (October 2018). Keynote selected.

PROFESSIONAL EXPERIENCE

- 2018-2019 Landscape Architecture/Urban Assistant Planner
Wuhan Land Use and Urban Spatial Planning Research Center
- 2018 International Placemaking Week. Wuhan
(UH-HABITAT, ISOCARP Sponsor)
 - Wuhan City Prosperity Report. Nairobi. Kenya (Collaborated with UN-HABITAT)
 - Shantytowns transformation of liangtai Area. Sinkiang
(National Founded)
 - Village Planning in Jiangxia District. Wuhan
 - Urban Design of Aerotropolis in Huangpi District, Wuhan
 - Urban Design of Sino-French eco-city in Caidian District, Wuhan
 - Urban Design of Industrial Estate in Changfu, Wuhan
 - Evaluate and Consult on planning of Hanle Village, Wuhan
- 2016 Architecture Intern
Wuhan Planning & Design CO.,LTD, China
- Expansion Design of Wuhan Art Gallery
 - Comprehensive Rail Station Development Planning in Wuhan

LEADERSHIP/TEAMWORK EXPERIENCE

- May-June 2016
- The University of Florida & Huazhong University of Science and Technology
2016 UF-HUST JOINT WORKSHOP
- Research Theme: Renaissance of Rural Area
 - Project Site: Rural Area in Metropolitan Fringe (Wuhan, China)
 - Project Type: Rural Planning
- April-May 2015
- Istanbul University & Huazhong University of Science and Technology
2015 ITU-HUST JOINT WORKSHOP
- Research Theme: Landscape As A Social-Ecological System
 - Project Site: Buyukcekmece Lake (Istanbul, Turkey)
 - Project Type: Ecological Rehabilitation and Landscape Aesthetics Construction
- 2011-2013
- Student News Center of Huazhong University of Science and Technology
OFFICIAL STUDENT NEWS ORGANIZATION
- Position: Magazine Editor & Minister of Photography
 - Achievement: Establish "Dawn" electronic magazine in 2013;

July-August 2011

Sociological Research in Orange County, CA
2011 HUST SUMMER PROGRAM

- Research Theme: Social Practice
- Range included: Public Facilities、 Education、 Medical Treatment、 Religion (Orange County, CA)
- Project Type: Basic Social Research

SKILLS AND INTERESTS

- Office Suite/database searches: ArcGIS, SWMM model, CA model, SPSS, Flooding models, Python, R
- Design Skills: Adobe CAD, PS, AI, ID, Sketch Up, Revit
- Language Skills: Chinese, English
- Interests: Photography, Freehand Sketching, Volleyball

SERVICE

Member in China Land Science Society