



Guan-Qiang, Wang

Position : Assistant Professor

Faculty : Faculty of Humanities and Arts

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Teaching and Research Areas :

Cultural heritage conservation; Adaptive reuse of historical buildings; Design multi-attribute decision making

ACADEMIC QUALIFICATIONS

2015 – 2018 Macau University of Science and Technology / Cultural Heritage Conservation/Ph.D

2010 – 2013 Tianjin academy of fine art / College of environment and Architectural Arts /Master

2006 - 2010 Tianjin academy of fine art / College of environment and Architectural Arts /Bachelor

TEACHING EXPERIENCES

2018 – Present Assistant Professor / Faculty of Humanities and Arts / Macau University of Science and Technology

2013 – 2018 Lecturer / Faculty of Humanities and Arts / Macau University of Science and Technology, 2017, Teaching Excellence Award of MUST (**Excellent Teacher**)

REPRESENTATIVE PUBLICATIONS

Journal Articles (2021-2025, ★=Corresponding)

Wang, G. Q., Zhu, B. W., Wang, K., Li, X. Y., & Xiong, L. (2025). Links between cue combinations of physical environments and consumer satisfaction in themed restaurants from a systematic approach–avoidance perspective. International Journal

of Hospitality Management, 126, 104055. (First Author) [SSCI, Q1, 4/140 in LEISURE, SPORT & TOURISM, **IF(2023):10.0**].

Mao, Y., Zhang, X., **Wang, G. Q.^{*}** (2025). How Graffiti and Surroundings Shape Visitor's Perceived Safety: A Multiple Conjunctural Causation Analysis. *Cities*. (Corresponding Author) [SSCI, Q1, 5/77 in URBAN STUDIES, **IF(2024): 6.6**]

Zhu, B. W., Feng, C. W., Xiong, L., Zheng, W. Q., **Wang, G. Q.^{*}**, Zhang, X., & Tzeng, G. H. (2025). Rule Sets for Identifying Conditional Attributes of Campus Green Spaces with Enhanced Mental Restoration Effect. *Journal of Urban Planning and Development*, 151(1), 04024069. (Corresponding Author) [SSCI].

Zhang Y. F., Mao, F.H., **Wang, G. Q.^{*}** (2025). Effects of the Virtual Therapeutic Garden on Older Adults' Cognition and Emotion: A Systematic Review. *Frontiers in Medicine*, 121,02232401. [SCIE, IF(2024):3.0]

Zhang, J., **Wang, G. Q.^{*}**, & Xiong, L. (2023). Using a Data Mining Method to Explore Strategies for Improving the Social Interaction Environment Quality of Urban Neighborhood Open Spaces. *Architecture*, 3(1), 128-136.

Xiong, L., Li, S. J., Zhang, Z., Wang, K., Yang, H., & Wang, G. (2025). Folk Legends and Proverbs Related to Animals in Northeastern China: Contemporary Young People's Viewpoints and the Construction of Cultural Codes. *Critical Arts*, 1-17.

Yang, H., Zhang, Z., Xiong, L., Wang, G., & Li, S. J. (2025). Contemporary Youth's View-Points and Cultural Codes Construction of Folk Taboo Rumors about Animals in Northeast China. *Transylvanian Review of Administrative Sciences*, 66(3).

Lin, C., **Wang, G. Q.**, Zeng, B. Y., Li, S. J., Xiong, L., & Yang, H. (2024). Revealing the pattern of causality between tourist experience and the perception of sacredness at shamanic heritage destinations in Northeast China. *Scientific Reports*, 14(1), 27142.

Conference Proceedings and Presentations:

Wang, G. Q.^{*} (2025). A Hybrid Fuzzy-Based Food-Cultural Product Assessment Model

for Younger Consumers. 2025 International Conference on Fuzzy Theory and Its Applications (iFUZZY 2025), Hsinchu City, Taiwan.

RESEARCH PROJECTS

Principal investigator:

Campus Research Fund Project FRG, FRG-22-005-FA, Research on Strategies to Enhance the Interconnectivity of Recreation in Macao's Historic Urban Area, 2022-01 to date, 23,550 MOP, completed, Principal investigator (Ranked # 1).

Investigator:

1. Macao Higher Education Fund, General, HSS-MUST-2020-9, Research on spillover Epidemic Prevention buffer space in Macao based on the daily life circle of Zhuhai-Macao commuters, 2021-01 to date, 190,000 yuan, completed, investigator (Ranked # 2).

2. Zhuhai Federation of Social Sciences, General Project, 2021YBC184, Research on Sustainable Improvement Strategy of Neighborhood open space in Old urban areas in the post-epidemic Era from the perspective of Healthy aging -- A case study of community Park in Xiangzhou District, Zhuhai, 2021-09 to 2022-10, investigator (Ranked # 1).

ACADEMIC AND PROFESSIONAL MEMBERSHIP

Peer Reviewer:

1. Scientific Reports (SCIE, ISSN: 2045-2322)
2. Sage Open (SSCI, ISSN: 2158-2440)
3. Expert Systems with Applications (SCIE, ISSN: 0957-4174)

Professional Membership:

4. Co-authored Macao Through the Lens of History: Research on Macao's Urban Cultural History and Creative Industries. Beijing: China Higher Education Press. Publication date: 1 Mar. 2022; ISBN-10: 7040571293; ISBN-13: 978-7040571295.

5. Expert Committee Member for Impact Assessment of Historical Cities and World Cultural Heritage Sites in Shanxi Province
6. Review Expert for the "Identification and Capacity Building" Program for Representative Inheritors of Intangible Cultural Heritage in Shanxi
7. Review Expert for the Special Assessment on "Preventing Excessive Commercialization" in Ancient Cities and Villages of Shanxi; Participated in Compiling the White Paper on Employment Security for Indigenous Residents
8. Curator, "Stillness: Jing Yumin Sculpture Exhibition"
9. Curator, "Formless Society: 2021 Young Artists Invitational Exhibition"
10. Co-curator, "Windscape 2022 Contemporary Art Invitational Exhibition"

DESIGN WORK/DESIGN PROJECT

1. Beidaihe Gecilu Architectural Landscape Project (Completed)
2. "Rainbow European Style" – Tianjin Lingao Style Street Architectural Design Project Lead Designer (Completed)
3. Wuhan Future City Communications & Electronic Information Technology R&D Base Landscape Planning & Design Project Project Director
4. Shenzhen Sihai Park Landscape Renovation Design Project Lead Designer (Completed)
5. Shenzhen E'jing Water Ecological Park Conceptual Planning Design Project (Completed)
6. Macau Inner Harbour Pier Public Space and Ship Cabin Renovation Design Project – Project Director (Commissioned by Macau Maritime and Water Affairs Bureau)
7. Shanxi Pingyao Juxian Yayuan Traditional Residential Courtyard Comprehensive Renovation Design Project – Project Director and Chief Engineer (Completed)
8. Architectural Facade Renovation Design Project for South China New Materials Innovation Park – Project Director
9. Operations Planning and Design Project for "Jin Shang Courtyard" Homestay Brand – Project Director (Completed)

AWARDS

Awards:

1. 2025.,HYF Poster Show, Visual Communication Concept, Red Dot Award-Design Concept, Red Dot.
2. 2017, Teaching Excellence Award (Excellent Teacher) [in Chinese: 2016/2017 年度教學傑出獎之“杰出教师”], Macau University of Science and Technology, Macau SAR,China

Supervised Awards:

1. 2024 London Design Awards, Bionic Ant All-Round Earthquake Rescue Robot, Silver Award
2. 2024 UK International Art & Design Competition, Bionic Ant All-Terrain Earthquake Rescue Robot, Product Design - Robotics Category, Gold Award
3. 2023 Roca Award, Roca Museum, Barcelona Institute of Human and Artistic Studies, “To the Child in the Fog,” Gold Award
4. 5th Japan Concept Art Design Award, The Urban Lung, Osaka Visual Arts Association, Bronze Award
5. Hong Kong Contemporary Design Award, To the Child in the Fog, Bronze Award
6. France FA International Frontier Innovation Art & Design Competition, Healing Garden for the Soul, Gold Award
7. SGADC Singapore Marina Bay Sands Art & Design Competition, Paranta Garden, Silver Award
8. 7th EPACC Environmental Art Creation Competition, American Exchange Association, Gold Award
9. SGADC Singapore Marina Bay Sands Art & Design Competition, Marina Bay Sands Art

& Technology Museum, International Competition, Bronze Award

10. 2023 Finland AG Design Award & China-Finland Cultural Arts Exchange Biennale, Silver Award

11. 2023 Finland AG Design Award & China-Finland Cultural Arts Exchange Biennale, Silver Award

SERVICE

1. 2021 – 2022, Member of Academic Integrity Committee of MUST

2. Member of Teaching Excellence Award Committee of MUST (2017/2018; 2022/2023; 2023/2024; 2024/2025)

3. 2022 – present, Internship and Career Guidance Committee Member of FA

4. Campus Ambassador for the 2022/2023 Academic Year

5. Campus Ambassador for the 2023/2024 Academic Year