

Tzong Sheng Deng

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Personal Statement

Tzong Sheng Deng is a Professor of Science Communication at National Pingtung University (NPTU) in Pingtung, Taiwan. He obtained his Ph.D. in Journalism at National Chengchi University (NCCU) in Taipei, Taiwan in 2014. His work focuses specifically on the art-based research of cross-disciplinary and their impact on the practice. His recent publication can be found in “Research in Arts Education“, “Journal of Educational Research and Practice”, “Journal of Curriculum and Instruction” and “Journal of Educational Media and Library Science journal”. Current research emphasizes the use of art-based methodology to: 1) study media literacy in social environments; 2) explore cross-disciplinary action between humanity and science; 3) create the culturally responsive curriculum and learning on science communication course; and 4) construct the creations which interaction are successful in reflective learning. How to creative learning on climate changes issue and sustainable development in Taiwan are presently key research areas.

Education

- 2014 PHD, Journalism, National ChengChi University.

Research Field

Art-Based Education, Media Literacy, Creative Learning, Science Communication

Research Publications

Peer-Reviews Journals

- 2023 Cultural Representation in Taiwan Indigenous Television’s News Reports on Climate Change. *Mass Communication Research*, 155, 207-250.

- 2021 Reflecting on Disinformation of Covid-19: Action Research on Undergraduate Students' Transformed Practices of Critical Framing Design. *Journal of Educational Practice and Research*, 34(3), 31-72.
- 2021 The Cross-Disciplinary Curriculum Implementation of a Junior High School Visual Arts Teacher. *Research of Art Education*, 42, 1-34
- 2020 Teacher and Students Co-Creating Inquiry of Science Concepts in Fairy Tale Performance: The "Cinderella" for Preschool Children as an Example. *Journal of Curriculum and Instruction*. 23(4), 197-232.
- 2018 Visual Representation of Popular Science Publications of Global Warming, *Journal of Educational Media, and Library Science*, 55(2), 171-225.
- 2017 Creative Transformation: An Inquiry into the Creative Learning Experience of master's Students in Creative Arts. *Taiwan Journal of Sociology of Education*, 17(2), 97-140.

Book Chapter

- 2018 Artistic Activity Through Computational Thinking. 2018 1st International Cognitive Cities Conference (ISBN: 9781538650608). Institute of Electrical and Electronics Engineers. 2018: 132-134.

Book

- 2022 Research in Creative Practice: Walking Between Passion and Clam. Taipei, Taiwan: E-culture Pub. (ISBN13 / 9789865681326)
- 2015 Transformative Subjects: Exploring Education of Art-based and Media Literacy. Taipei, Taiwan: (ISBN13 / 9789865681326)

Relevant Experience

- 2021-2024 Committee Member of Curriculum & Instruction Consulting Committee on Arts, K12 Education Administration, Ministry of Education.
- 2018-2024 Committee Members of Cross-Disciplinary Aesthetic Education, Ministry of Education.
- 2020-2024 Committee Member of Consulting Committee on Research of Art Education.
- 2022-2023 Reviewer of International Times Young Creative Awards.
- 2021-2022 Reviewer of Journal of Audio-Visual Media and Technologies.
- 2019-2024 Committee Member of Indigenous Language-Drama Competition, Pingtung County.

Academic Projects

- 2024 MOST-113-2918-I-153-001 Art-Based Learning in Cross-Disciplinary Education

- 2023 MOST- 112-2420-H-153-005 The Creative Practices of Culturally Responsive to Climate Change and Disaster: Art-based Education in the Paiwan Indigenous Experimental School
- 2022 MOST-111-2515-S-153 -001 - Sustainable PinTung: Creating Materials for Science Communication on Local place.
- 2021 MOST- 110-2410-H-153-022- Inquiry of Crosscutting Concepts in Art-Based Education: Inquiry, transformation, and application II

Teaching Experience

- Performance Art in Education
- Script Writing and Visualization
- Research Methods
- Media Ethics
- Cross-Disciplinary Aesthetic Research