

# Curriculum Vitae

**Weijian (Michelle) Yan**

[yan400@purdue.edu](mailto:yan400@purdue.edu)

[Weijian \(Michelle\) Yan \(michelleyanweijian.com\)](http://michelleyanweijian.com)

## **Academic Record**

- 2025 Doctorate of Philosophy (Ph.D.) in Education, Purdue University  
Concentration: Learning Design and Technology
- 2025 Quantitative Research, Assessment and Evaluation in Education Certificate
- 2006 Master of Arts (M.A.), Shanghai University of International Business & Economics  
Specialization: Linguistics and Applied Linguistics
- 2003 Bachelor of Arts (B.A.), Jiangxi University of Science and Technology  
Major: Linguistics and Applied Linguistics

## **Academic Appointments**

- 2022 – Present: Teaching Assistant at Oral English Proficiency Program  
Purdue University, West Lafayette, Indiana
- 2024.5 – 2004.8: Co-instructor of Learning System Design, Learning Design and  
Technology  
Purdue University, West Lafayette, Indiana
- 2024.8 – 2024.11: Co-instructor of Strategic Assessment and Evaluation, Learning Design  
and Technology  
Purdue University, West Lafayette, Indiana
- 2024 – Present: Research Intern  
ImmerseMe, Wellington, New Zealand
- 2016-2017: Visiting scholar, Advanced Studies Program in Education  
George Washington University, Washington, D.C.
- 2006-2021: Assistant Professor of English Studies, School of Foreign Languages  
Shanghai Sanda University, Shanghai, China

## **Licenses and Certifications**

- 2023 Quality Matter Certificate: Independent Applying QM Rubric (virtual) (APPQMR),  
Purdue University
- 2022 XR Foundations for Educators, XR Terra
- 2021 Data Classification and Handling Educational Resources/Annual Certification, Purdue  
University
- 2021 Family Educational Rights and Privacy Act/Annual Certification, Purdue University
- 2021 GLBA Certificate of Completion, Purdue University
- 2021 Apple Teacher Certificate
- 2021 Responsible Conduct of Research Certificate, CITI Program, Purdue University
- 2021 Social Behavior Research Investigators and Key Personnel, CITI Program, Purdue  
University
- 2021 Advanced Level Plagiarism Certificate for Master's and Doctoral Students, Indiana  
University
- 2007 Teaching Certification-Higher Education, Ministry of Education, China

## Awards and Honors

- 2024 “Thumbs up” recipient, Purdue University
- 2024 AERA Annual Meeting Graduate Student Assistance Fund (AMGSAF), 500 USD.
- 2023 Teaching Leadership Award, Purdue Provost’s Office. Project awarded: “Enhancing Instruction Through Integrating Extended Reality (XR) Experiences for Experiential Learning Opportunities.”
- 2022 Honors Award in the 3-minute-thesis presentation, 16<sup>th</sup> Annual Graduate Student Education Research Symposium, Purdue University

## **Memberships in Academic, Professional, and Scholarly Societies**

- 2023 – Present Society for Information Technology and Teacher Education (SITE)
- 2023 – Present American Association of Educational Research (AERA)
- 2021 – Present Association of Educational Communications and Technology (AECT)

## Scholarship

### **Refereed Journal Articles**

1. Lowell, V. L. & Yan, W. (2024). The design of immersive virtual reality (IVR) learning using systems thinking. *TechTrends*, 68(1), 149-160.  
<https://doi.org/10.1007/s11528-023-00922-1>

### **Refereed Book Chapters**

1. Lowell, V. L., & Yan, W. (2023). Facilitating foreign language conversation simulations in virtual reality for authentic learning. In T. Cherner & A. Fegely (Eds), *Bridging the XR technology-to-practice gap: Methods and strategies for blending extended realities into classroom instruction*, volume I (pp. 119-133). Association for the Advancement of Computing in Education and Society for Information Technology and Teacher Education. <https://www.learntechlib.org/p/222242/>
2. White, S. K., Xu, Q., Ilobinso, A. C., Yan, W., Dong, L., Zhang, Z., ... & Koehler, A. A. (2024). Empathy-driven instructional design in asynchronous online discussions. In *Humanizing Online Teaching and Learning in Higher Education* (pp. 91-114). IGI Global. <http://doi.org/10.4018/979-8-3693-0762-5.ch005>

### **Work Under Publishing Process**

1. Yan, W., & Lowell, V.L. (2024). Design and evaluation of task-based role-play speaking activities in a VR environment for authentic learning: A design-based research approach, *Journal of Applied Instructional Design*.
2. Yan, W., & Lowell, V.L. (2024). Developing English language learners’ speaking skills through applying a situated learning approach in VR-enhanced learning experiences. *Virtual Reality*.

### **Refereed Conference Proceedings**

1. Lowell, V. L., & Yan, W. (2023). Bridging the XR technology-to-practice gap: XR presence, communication, and engagement – Chapter: Facilitating foreign language conversation simulations in virtual reality for authentic learning. In *Proceedings of Society for Information Technology & Teacher Education (SITE)*, New Orleans, LA., United States.

## Conference Presentations

1. Lowell, V. L., & Yan, W. (2024). *Applying systems thinking for designing immersive virtual reality learning experiences in education*. AECT, Kansas City, Missouri.
2. Yan, W., & Lowell, V.L. (2024). *Designing EFL speaking activities with the first principles of instruction and VR features for authentic learning*. AECT, Kansas City, Missouri.
3. Yan, W., & Lowell, V.L. (2024). *Impact of EFL learners' perceptions of VR and attitude toward VR on developing speaking skills*. AECT, Kansas City, Missouri.
4. Koehler, A. A., Richardson, J.C., Ilobinso, A., Ramoutar, S. Babalola, E, Baydar, S, Dong, L., Dufault, K., Farrington, S. Hsieh, C-J., Kotangale, A. Melik Tangiyev, D., Song, J., Tavakoli, J., Vilarinho Rezende Pereira, D., White, S., Yan, W., Yu, W, & Zhang, Y. (2024). *Preparing pre-service teachers for blended and online environments using a competency-based approach*. AECT, Kansas City, Missouri.
5. Yan, W., & Lowell, V.L. (2024). *Exploring the impact of virtual reality on developing EFL learners' speaking skills in situated learning*. AERA, Philadelphia, Pennsylvania.
6. Yan, W., & Lowell, V.L. (2023). *Impact of virtual reality on developing prospective teaching assistants' conversational English*. AECT, Orlando, Florida.
7. Lowell, V. L., & Yan, W. (2023). *Bridging the XR technology-to-practice gap: XR presence, communication, and engagement – Chapter: Facilitating foreign language conversation simulations in virtual reality for authentic learning*. Society for Information Technology & Teacher Education (SITE), New Orleans, LA., United States.
8. Lowell, V. L., Urena-Rodriguez, L., & Yan, W. (2022). *Impact of authenticity of peer feedback in digital learning spaces on English public speaking self-efficacy and learning outcomes*. AECT, Las Vegas, NV., United States.
9. Urena-Rodriguez, L., Lowell, V. L., & Yan, W. (2022). *Self-efficacy and English language performance: A comparison between Facebook and Brightspace for peer-feedback activities*. AECT, Las Vegas, NV., United States.
10. Yan, W. (2022). *Effect of VR-assisted instruction on EFL learners' speaking self-efficacy*. Annual Graduate Student Education Research Symposium, Purdue University, West Lafayette, IN.
11. Yan, W. (2022). *Design thinking in developing an online summary writing course for expository essays based on the ADDIE Model for college students*. AECT Summer Symposium, Indiana University, Bloomington.

### Grants

1. **College of Education, Purdue University:** “Enhancing Instruction Through Integrating Extended Reality Experiences for Experiential Learning Opportunities” (\$5000), 2023-2024.
2. **Innovation Hub Funding Program: VR/AR Learning Environments Grant, Purdue University,** “Professional Development for Educators: Enhancing Instruction with Extended Reality Experiences for Enhanced Learning Opportunities” (\$50,000), 2023-2024.

### Teaching

**Purdue University** (Teaching Assistant, Summer 2024 – Summer 2025)

EDCI 62700 Learning Systems Design

EDCI 57700 Strategic Assessment and Evaluation

EDCI 6200 English 620

**McCutcheon High School** (Language Support Volunteer, Fall 2021).  
English Speaking

### **Shanghai Sanda University (Fall 2006 - Spring 2021)**

Taught undergraduate English majors across various levels and courses, including Intensive Reading, Extensive Reading, Advanced English, Advanced Audio-visual English, English Grammar and Writing, Basic English, Comprehensive Test, Business English, and Thesis Writing.

### **Service and Engagement**

#### **Conference positions:**

- A. Proposal Reviewer – (2023). Association of Education Communications and Technology (AECT).
- B. Presentation Facilitator – (2023). Association of Education Communications and Technology (AECT).

### **Reviewer for Journals**

Ad-hoc Reviewer:

- A. 2023 – Present – Virtual Reality Journal
- B. 2024- Journal of Applied Instructional Design for a special issue on Designing Extended Reality (XR) Environments and Experiences for Authentic Learning
- C. IGI Global

### **Program-Level Administrative Service**

- A. **Vice President for Professional Development for PALDT (Purdue Association of Learning Design and Technology)**- Arranged and oversaw professional development opportunities, organized workshops, seminars, and research presentations, and provided LDT students with information about additional academic and extracurricular experiences.

### **Media**

- A. [Weijian "Michelle" Yan – mentioned in #PurdueToday's "Bringing Our Best" feature \(2/27\) for taking over the responsibilities of Purdue University's Oral English Proficiency Test sessions.](#)
- B. [Dr. Victoria Lowell and Weijian Yan published their article in TechTrends titled, "Applying Systems Thinking for Designing Immersive Virtual Reality Learning Experiences in Education.](#)
- C. [Dr. Victoria Lowell and Weijian Yan have co-authored a book chapter titled "Facilitating Foreign Language Conversation Simulations in Virtual Reality for Authentic Learning" in the book, "Bridging the XR Technology-to-Practice-Gap."](#)
- D. [Dr. Victoria Lowell, Weijian Yan and others won Innovative HUB Grant for their project titled, "Professional Development for Educators: Enhancing Instruction with Extended Reality Experiences for Enhanced Learning Opportunities.](#)
- E. [Victoria Lowell, Weijian Yan, and others received the Teaching Leadership Award Fellowship for their project "Enhancing Instruction Through Integrating Extended Reality Experiences for Experiential Learning Opportunities".](#)
- F. [Weijian Yan was in the top four individuals for the 3-Minute Thesis competition at the Annual Graduate Student Education Research Symposium \(AGSERS\) 2022.](#)

- G. Dr. Victoria Lowell and several LDT doctoral students, including Weijian Yan and others received the Ross-Lynn Research Scholar Grant.