



## Ming Fong Jan

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Dr. Mingfong JAN is an Associate Professor at the Graduate Institute of Learning and Instruction, National Central University, Taiwan. Previously, he was a Research Scientist at the Learning Sciences Lab, National Institute of Education (NIE), Nanyang Technological University in Singapore, where he served as a research convenor in two research areas at the Office of Education Research (OER): Play/Game-based Learning and the Learning Sciences & Pedagogy. He has been a member/researcher of the Games, Learning and Society research group at the University of Wisconsin-Madison since its inauguration in 2005.

### Research foci

Dr. Jan graduated from the University of Wisconsin-Madison with a PhD degree from Curriculum & Instruction (ranked No. 1 in the US based on US News and World Report). As a learning scientist, he employs a design-based research approach and sociocultural perspectives to transform teaching and learning cultures, especially through the following research areas: teachers as learning experience designers, design thinking and collaborative problem-solving, learning with games and gamified activities, and 21st century literacies (e.g., argumentation and collaboration). He is a winner and candidate for best paper awards in AECT-ICFER and ICCE conferences.

### Teaching

Dr. Jan is known as an expert in Design Thinking, Teachers' Professional Development, Curriculum and Instruction, and Learning with Games. He designed many games, game-based curricula, and gamified learning activities to foster student learning and teacher education. His courses are known for engaging students in deep thinking and reflection. Since joining NCU, he has conducted more than 100 talks and workshops for students, parents, teachers, and faculties.

In 2017, he won Teaching Excellence Award at National Central University--the most prestigious teaching award in NCU.