

## **FED-CEPECE Seminar: “From Classroom Practice to Evidence: Single-Case Research Design in Special Education”**

**Date:** 04 Dec 2025 (Thu)

**Time:** 16:00 -17:30

**Venue:** E32-G002, Faculty of Law

**Language:** English

**Registration:** Online Registration ( <https://go.um.edu.mo/sfuv1dq9> or  )

**Enquiries:** Mr. Alex CHEN (Email: [fed\\_event@um.edu.mo](mailto:fed_event@um.edu.mo) / Tel: 8822-4575)

### **Speaker:**

Prof. Youjia HUA, Associate Professor of Special Education at the University of Virginia and a Board Certified Behavior Analyst–Doctoral (BCBA-D). His research focuses on using single-case research design to develop practical, effective interventions for learners with diverse needs and to help teachers make data-based instructional decisions. He has received more than \$2.5 million in external support from the U.S. federal government to lead special education personnel-preparation training initiatives.

Prof. Hua has extensive international and applied experience. He developed the first graduate-level ABA course sequence in Chinese, producing China’s first cohort of Board Certified Behavior Analysts. He also created a comprehensive early intervention program now implemented in school settings across China. In addition, he collaborates with schools to advance inclusive education through instructional design and professional training for educators, paraprofessionals, and families.

### **Abstract:**

Single-case research design (SCRD) examines how individual students respond when specific instructional practices are introduced. It offers rigorous yet practical methods for identifying what works—and why—making it a key approach for developing effective interventions in special education. This talk provides an accessible introduction to SCRD and demonstrates how it can be used to establish experimental control in real classroom settings.

The session also connects SCRD to contemporary special education’s emphasis on the social model of disability, as well as to MTSS and RTI frameworks that rely on data-based decision-making and progress monitoring. Through school-based examples, the talk highlights how SCRD can guide instructional decisions and strengthen evidence-based practice. Participants will gain a clear, practical understanding of SCRD and its value for improving outcomes for students with special needs.