

**Jockey Club STEM Early Career Research Fellowship for Translation and Application  
2024/25 in AI-assisted Learning**

**The Education University of Hong Kong (EdUHK)**

**Preferred Research Areas:**

- Digital and Online Technologies for Education

**Benefits:**

- A stipend of up to HKD \$530,000 per annum for three years, with additional 15% gratuity to be offered upon completion of the Fellowship (including the industry attachment when applicable);
- Academic development and exchange allowance up to HKD \$30,600 per annum for three years;
- Research project seed funding up to HKD \$300,000; and
- Translational research industry attachment subsidy in an eligible organisation in Hong Kong: the Trust's contribution to be capped at 50% of the salary (up to HKD \$30,000 per month) for a maximum of 12 months in addition to the three-year stipends.
- Comprehensive mentorship in writing top-tier journal articles and competitive research proposals for academic career development.
- Journal article authorship.
- Exposure to a multidisciplinary research environment and collaboration on impactful projects.

**Eligibility Criteria:**

- Recent PhD graduates in Science, Technology, Engineering, and Mathematics disciplines **on or after 1 July 2021**; or will complete the required qualification **before 31 December 2024**;

**Desired Skills:**

- Experiences in developing AI-assisted learning tools.
- Strong adaptability, self-motivation, meticulousness, and a commitment to innovation in education.
- Strong interpersonal communication skills.
- Proficiency in English.

**Key Responsibilities:**

- Collaborate with the supervision team to **develop AI-assisted learning tools**.
- Publish in peer-reviewed journals and present at academic conferences.

**How to Apply:** Interested candidates should submit the following documents to Dr. Jinxin Zhu via email ([jxzhu@eduhk.hk](mailto:jxzhu@eduhk.hk)):

1. A cover letter expressing your interest in AI-assisted learning,
2. A detailed CV, including your research experience and academic qualifications.
3. Samples of published work, if available, and
4. Any other materials that might be helpful.

**Application Deadline:** by **15 September 2024 (Sunday)**.

### **Supervision team:**

**Dr. Jinxin ZHU** is an accomplished Assistant Professor at the Department of Curriculum and Instruction at The Education University of Hong Kong (EdUHK). With a strong foundation in Mathematics and Applied Mathematics from Beijing Normal University and a Ph.D. in Educational and Psychological Measurement from EdUHK, Dr. Zhu has made significant contributions to the field of educational research. Dr. Zhu is currently leading several impactful research projects, including a General Research Fund project on mathematics teachers' assessment literacy (HK\$ 856,852, 11/2022 – 11/2025) and an Early Career Scheme project on Teachers' Feedback Literacy (HK\$ 906,648, 11/2024 – 11/2027). For more information about Dr. Zhu's research, please visit his [webpage](#).

**Dr. Ming Ming CHIU** is *Chair (Distinguished) Professor of Analytics and Diversity and Analytics\Assessment Research Center Director*, The Education University of Hong Kong. A graduate of Columbia (BS, computer science), Harvard (EdM, interactive technology) and UC-Berkeley (PhD, education), he advises China's Ministry of Education and Qatar's Ministry of Education. He invented (a) *statistical discourse analysis* to model online and face-to-face conversations (best 50 learning science ideas – *International Society of the Learning Sciences*), (b) *multilevel diffusion analysis* to detect corruption in the music industry and how ideas/behaviors spread through populations, (c) artificial intelligence *Statistician*, and (d) online detection of sexual predators. His 97 grants (US\$22 million) yielded 299 publications (207 journal articles; 16,000+ citations; #8 in Education in China, 2023), 19 keynote speeches, 5 television broadcasts, 17 radio broadcasts, and 189 news articles in 22 countries. He creates and applies automatic statistical analyses to Big Data. For more information about Dr. Chiu's research, please visit his [webpage](#).