Curriculum Vitae

Basic Information

Name: Feng-Kuang Chiang

Birthplace: Changhua, Taiwan, China
Position: Vice Dean, Professor (Tenured), PhD Supervisor
Affiliation: School of Education, Shanghai Jiao Tong University
Research Interests: STEM Education, AI in Education, Learning Spaces, Educational Technology and Innovative Teaching
Interests: Public Welfare Education, Chinese Classics, Badminton, International Collaboration

Current Positions

- Professor (Tenured), PhD Supervisor; Director, Future Education Research Center, Shanghai Jiao Tong University (2022–Present)
- Vice Dean, School of Education, Shanghai Jiao Tong University (2023–Present)
- Vice Dean, Institute of Digital Intelligence and Engineering Education for Youth, Shanghai Jiao Tong University (2025–Present)
- Vice Dean, Shanghai Institute for Youth STEM Education (2024–Present)
- Chair, Teaching Committee, School of Education, Shanghai Jiao Tong University (2022–Present)
- Chair, Degree Evaluation Committee, School of Education, Shanghai Jiao Tong University (2025–Present)
- Member, University Degree Evaluation Committee / Faculty Degree Evaluation Committee, Shanghai Jiao Tong University (2025–Present)
- Deputy Secretary-General, Alliance of Improving Scientific Literacy for All (AISL) (2020–Present)
- Deputy Director, Youth Affairs Committee, Information Technology Education Professional Committee, China Association for Educational Technology (2020–Present)

- External PhD Thesis Examiner, University of Wollongong, Australia (2021–Present)
- External PhD Thesis Examiner, Bharathiar University, India (2023–Present)
- External PhD Thesis Examiner, Indian Institute of Technology Kanpur (2025–Present)
- Board Member (10th Term), Learning Sciences Research Division, China Association of Higher Education (2022–Present)
- Expert Reviewer, Global Chinese Educational Game Design Awards (2019–Present)
- External Reviewer, Master's & Doctoral Theses, Degree and Graduate Education Development Center, Ministry of Education (China) (2016–Present)
- Appointed Expert, External Review of Master's Theses, Shanghai Degree Office (2017–Present)
- Board Member, Shanghai Future Learning Research and Development Center (2023–Present)
- Distinguished Expert, Education Think Tank, Baoshan District, Shanghai (2023–Present)
- Member, Shanghai Professional Degree Graduate Education Steering Committee (2023–Present)
- External Grant Reviewer, Faculty of Education and Human Development, The Education University of Hong Kong (2024–Present)
- External Evaluator for Academic Staff Promotion, The Education University of Hong Kong (2024–Present)
- External Evaluator for Academic Staff Promotion, University of Malaya, Malaysia (2024–Present)
- Expert Reviewer, National Office for Education Sciences Planning (China) (2024–Present)
- Reviewer, Major and Key Education Projects, National Social Science Fund of China (2025–Present)
- Reviewer, China Postdoctoral Science Foundation (2025)
- International Executive Committee Member, International Society for STEM in Education (ISSE) (2012–Present)
- Chair, Executive Committee, International Society for STEM in Education (ISSE) (2025–2026)
- Mentor, Pudong New Area Distinguished Principal Development Program (Future Education Leaders Track) (2025)
- Specially Invited Council Member, Shanghai Taiwan Compatriots Association (11th Council) (2024–Present)

Education

- **Postdoctoral Researcher** (Aug 2010 – Jul 2011)
  Institute of Applied Mechanics (Interdisciplinary Research), National Taiwan University, Taiwan, China
  Advisors: Prof. Hsiu-Ping Yueh; Prof. Hung-Chun Shen
- **Ph.D. in Educational Technology** (Sep 2005 – Jun 2009)
  Doctoral Program in Industrial Technology Education (Educational Technology Track),
  National Kaohsiung Normal University, Taiwan, China
  Advisors: Prof. Chung-Shan Sun; Prof. Tai-Cheng Tso

- **M.Ed.** (Sep 2003 – Jul 2005)
  Graduate Institute of Education / Elementary Education Teacher Education Program,
  National Sun Yat-sen University, Taiwan, China
  Advisor: Prof. Su-Hsiang Chung
- **B.Ed.** (Sep 1999 – Jul 2003)
  Department of Educational Technology / Secondary Teacher Education Program / Futures Studies Program,
  Tamkang University, Taiwan, China

International & Overseas Experience

- **Visiting Researcher** (Apr 2019 – Apr 2020)
  RELATE Lab, Massachusetts Institute of Technology (MIT), United States
- **Visiting PhD Researcher** (Apr 2008 – Apr 2009)
  Technische Universität Ilmenau, Germany
  Funded by the National Science Council (NSC), Taiwan – "Thousand-Mile Horse" Doctoral Exchange Program
- **Visiting Research Student** (Jul – Sep 2007)
  Center for Research and Development of Educational Technology, Tokyo Institute of Technology, Japan
  Funded by the NSC Taiwan–Japan Doctoral Summer Exchange Program

Academic Appointments

- **Department Director,** Department of Educational Technology, School of Education,
  Shanghai Normal University (Dec 2019 – Aug 2022)
- **Associate Director**, Department of Educational Technology, School of Education,
  Shanghai Normal University (Feb 2018 – Nov 2019)
- **Distinguished Professor & PhD Supervisor**, Department of Educational Technology,
  School of Education, Shanghai Normal University (Sep 2017 – Aug 2022)
- **Associate Professor**, Institute of Modern Educational Technology / Institute of Science and Technology Education,
  Faculty of Education, Beijing Normal University (Sep 2012 – Aug 2017)
- **Lecturer**, School of Educational Technology, Beijing Normal University
  (Oct 2011 – Aug 2012)

Courses Taught

- **Learning Sciences**
  Academic Master's Program in Educational Technology (2012–2016)
- **Multimedia Technology and Web Design**
  Undergraduate Program (2012–2013)
- **Technology for Advancing Future Education**
  Undergraduate Program (2014–2015)
- **Research Methods** *(Co-instructor; English-taught)*
  International Master's Program (2016)
- **Scientific Foundations of Future Education**
  Undergraduate Program (2016–2017)
- **Information Technology Integration in Subject Teaching**
  Summer Master's Program in Education (2013–2015, 2017)
- **Design and Implementation of Science and Technology Education Activities**
  Master's Program in Science and Technology Education (2014)
- **Instructional Design and Case Analysis in Science Education**
  Master's Program in Science and Technology Education (2014–2017)
- **STEM Education**
  Master's Program in Science and Technology Education (2015–2017)
- **Research Methods in Educational Technology**
  Undergraduate Program (2018–2020)
- **Research Methods in Educational Technology**
  Master's Program (2019–2021)
- **Frontiers of Educational Technology**
  Graduate Program (2017–2018)
- **STEM Curriculum Design and Case Analysis**
  Undergraduate Program (2017–2021)
- **STEM Curriculum Design**
  Undergraduate Program (2020)
- **Learning Sciences and Technology**
  Doctoral Program (2021)
- **Future Education**
  Master's Program (Spring & Fall 2023; Fall 2024; Fall 2025)
- **Future Education**
  Undergraduate Program (Fall 2023; Fall 2024)
- **Frontiers of Artificial Intelligence in Education: Global Perspectives**
  Graduate Program (Spring 2025) (Minor Program)
- **Educational Large Language Models: Applications in Subject Teaching**
  Graduate Program (Fall 2025) (Minor Program)

Chinese Journal Editorial & Review Service

- **Open Education** *(CSSCI)* — Reviewer (2016–Present)

- **Teaching Research** — Editorial Board Member (2017–Present)
- **Journal of Comparative Education** — Reviewer (2020–Present)
- **Modern Distance Education Research** *(CSSCI)* — Reviewer (2021–Present)
- **Open Learning Research** — Reviewer (2021–Present)
- **Primary and Secondary School Information Technology Education** — Editorial Board Member (Jul 2024–Present)

International Journals – Editorial Board Membership

- Bri**tish Journal of Educational Technology (BJET)** *(SSCI, Q1)* — Editorial Board Member (2016–Present); **Triage Editor** (2025–Present)
- **LUMAT: Research and Practice in Math, Science and Technology Education** — Editorial Board Member (2016–Present)
- **STEM Education** — Editorial Board Member (2020–Present); **Section Editor-in-Chief** (2023–Present)
- **Journal of Computer Assisted Learning** *(SSCI, Q1)* — Advisory Board Member (2022–Present)
- **Future in Educational Research** — Editorial Board Member (2023–Present)
- **European Journal of Education** *(SSCI, Q2)* — Editorial Board Member (2023–Present)

International Journals – Reviewer

1. Science Education *(SSCI)* (2019–Present)
2. SAGE Open *(SSCI)* (2018–Present)
3. Pakistan Journal of Distance and Online Education (PJDOL) (2018–Present)
4. LUMAT: Research and Practice in Math, Science and Technology Education (2016–Present)
5. British Journal of Educational Technology *(SSCI)* (2016–Present)
6. EURASIA Journal of Mathematics, Science and Technology Education *(SSCI)* (2017–Present)
7. International Journal of Engineering Education *(SCI)* — Reviewer (2013–Present); Guest Editor (3 terms)
8. International Journal of Science Education *(SSCI)* (2017–Present)
9. Higher Education *(SSCI)* (2012–Present)
10. Educational Research Journal (2011–Present)
11. Educational Research and Reviews (2010–Present)
12. International Journal of Quality & Reliability Management *(EI)* (2010–Present)
13. Journal of Applied Research in Workplace E-learning (2009–Present)
14. International Journal of Advanced Corporate Learning (iJAC) (2009–Present)
15. Computers in Human Behavior *(SSCI)* (2007–Present)

16. International Journal of Emerging Technologies in Learning (iJET) *(EI)* (2007–Present)
17. Journal of Computers in Education *(SCI)* (2014–Present)
18. The Asia-Pacific Education Researcher *(SSCI)* (2014–Present)
19. Computers & Education *(SSCI)* (2014–Present)
20. International Journal of Interactive Mobile Technologies (iJIM) (Present)
21. International Journal of Engineering Pedagogy (iJEP) (Present)
22. Interactive Learning Environments *(SSCI)* (2017–Present)
23. Research and Practice in Technology Enhanced Learning *(SCI)* (2019–Present)
24. IEEE Transactions on Learning Technologies *(SSCI)* (2019–Present)
25. International Journal of Evaluation and Research in Education (2020–Present)
26. Educational Technology Research and Development *(SSCI)* (2019–Present)
27. STEM Education (2020–Present)
28. IEEE Access *(SCI)* (2021–Present)
29. Educational Technology & Society *(SSCI)* (2021–Present)
30. Science Progress *(SCI)* (2021–Present)
31. Language Teaching Research *(SSCI)* (2021–Present)
32. Applied Artificial Intelligence *(SCI)* (2021–Present)
33. European Journal of Investigation in Health, Psychology and Education *(SCI)* (2022–Present)
34. Information Technology & People *(SSCI)* (2022–Present)
35. Universal Access in the Information Society *(SSCI/SCI)* (2023–Present)
36. Future in Educational Research (2023–Present)
37. Education Research International *(SCI)* (2023–Present)
38. International Journal of Educational Research (2023–Present)
39. Review of Educational Research *(SSCI)* (2024–Present)
40. Humanities and Social Sciences Communications *(SSCI)* (2024–Present)
41. Research in Science Education *(SSCI)* (2023–Present)

Research Projects

To date, **41 research projects** have been led or co-led, including **6 international and cross-regional collaborative projects**, **9 competitive vertical grants** (e.g., National Natural Science Foundation of China, Ministry of Education key projects, Beijing Social Science Fund), **9 commissioned horizontal projects**, and **17 university-level projects**

Competitive (Vertical) Grants

1. **Sep 2025 – Aug 2028**
   Representation Learning in Digital Science Experiments: A Multimodal Diagnostic and Scaffolding Design Approach
   Ministry of Education (MOE), Humanities and Social Sciences Research Planning

Fund – General Project
Grant No. **25YJA880020** | **Principal Investigator** | **RMB 100,000**

2. **Dec 2025 – Mar 2026**
   High-Quality Development of AI Education in Shanghai Primary and Secondary Schools: Status, Bottlenecks, and Policy Recommendations
   Shanghai Taiwan Compatriots Association
   Grant No. **25Z970306211** | **Principal Investigator** | **RMB 30,000**

3. **Mar 28, 2025**
   Green Future · Intelligent Innovation in Education: E-STEM Curriculum Design and Innovative Teaching Tools Integrating Green Development Concepts
   China Professional Degree Case Center, CDGDC (MOE)
   Grant No. **JXXM28997090** | **Principal Investigator** | **RMB 10,000**
   https://case.cdgdc.edu.cn/content-detail/1905185869011988482

4. **Mar 25, 2024** *(Completed)*
   "Zheng He's Seven Voyages to the West": Integrating Chinese Culture and Novel Engineering into STEM Curriculum Design
   China Professional Degree Case Center, CDGDC (MOE)
   Grant No. **ZT-231024821** | **Principal Investigator** | **RMB 6,000**
   https://mp.weixin.qq.com/s/9kqh_vYN_dXOm1XCMEJD

5. **Dec 2024 – Dec 2025**
   STEM Education Hub Development 2025
   Shanghai Municipal Education Commission
   Grant No. **ZXWH4350101/003/001-STEM** | **Principal Investigator** | **RMB 930,000**

6. **Jun 2024**
   Strengthening the Integrated Development of Science, Education, and Talent in Shanghai during the 15th Five-Year Plan
   Shanghai Municipal Education Commission
   Grant No. WH421160901/001/001 | Principal Investigator | RMB 50,000

7. **Dec 2022 – Dec 2023**
   Interdisciplinary STEM Science Communication Activities and Mechanisms for Cultivating Innovative Talent
   National Natural Science Foundation of China
   Grant No. **T2241013** | **Principal Investigator** | **RMB 100,000**

8. **Jul 2017**
   Development and Validation of STEM Project Student Assessment Instruments
   MOE Key Project, National Education Science "13th Five-Year Plan"
   Grant No. **DCA170309** | **Principal Investigator** | **RMB 30,000**

9. **2014 – 2016**
   A Longitudinal Study on Beijing Primary Students' Attitudes toward E-Schoolbags Based on the Technology Acceptance Model
   Beijing Social Science Fund
   Grant No. **14JYC027** | **Principal Investigator** | **RMB 50,000**

International & Cross-Regional Collaborative Projects

1. **Jul 2025 – Jul 2026**
   Intelligent Motor STEM Education Training Manual and Project Development
   World Robot Olympiad (WRO) China Organizing Committee
   Grant No. **25H020103627** | **Principal Investigator** | **USD 30,000**
2. **2025 – 2026**
   Building Bridges in Education through Interdisciplinary Methodological Innovation: Embodied, Multimodal, AI and Machine Learning Techniques
   UCL–SJTU Strategic Partnership
   Principal Investigator | **RMB 50,000**
3. **Sep 2024 – Aug 2026**
   University Teacher AI Competency Model and Professional Learning System
   The Education University of Hong Kong
   Grant No. **CRAC#04A57** | **Co-Investigator** | **HKD 3,000,000**
4. **2019 – 2023**
   The Effects of the World Robot Olympiad on Participants
   World Robot Olympiad Association Ltd.
   Grant No. **GR001/2019** | **Principal Investigator** | **USD 25,000**
5. **Jun 2019 – Jun 2020**
   Emotional Energy in Chinese Primary STEM Classrooms
   Queensland University of Technology (QUT) – Shanghai Normal University
   Seed Fund Project | **Principal Investigator** | **USD 9,500**
6. **2016 – 2020**
   A Comparative Study of Social Contexts in Active Learning Classrooms in China and the United States
   Advanced Innovation Center for Future Education (AICFE), Beijing Normal University
   Co-PI | **RMB 200,000**

Commissioned (Horizontal) Projects

1. **May 2025 – May 2026**
   Mechanisms and Empirical Study of STEM Education on Students' Scientific Literacy
   China Association of Higher Education (Commissioned by MOE)
   Grant No. **25XXKX006** | **Principal Investigator** | **RMB 5,000**
2. **Jul 2020 – Dec 2020**
   Literature Review on Learning Space Reconstruction in Shanghai Schools
   Shanghai Municipal Education Commission
   Grant No. **310-C-6135-20-010039** | **RMB 100,000**
3. **Dec 2017 – Dec 2020**
   Curriculum and Instructional Model Development for "Keyboard-Based English Vocabulary Learning"

Shanghai Menghong Investment Consulting Co., Ltd.
Grant No. **310-C-6135-18-010009** | **Principal Investigator** | **RMB 400,000**
4. **Jul 2016**
STEM Teaching and Research Curriculum Competency Indicators
Beijing Youchengzhang Education Technology Co., Ltd.
Grant No. **KJHX2016191** | **RMB 80,000**
5. **Aug 2016**
Evaluation of Zuvio Smart Teaching App in Classroom Assessment
Xueyue Technology Co., Ltd.
Grant No. **KJHX2016232** | **RMB 5,000**
6. **Jan 2016**
Quasi-Experimental Study of English Collaborative Knowledge Construction in Seamless Learning Environments
MOE Online Education Research Center
Grant No. **2016YB112** | **RMB 60,000**
7. **Feb 2016**
Action Research on Enhancing Teacher–Student Interaction Using Zuvio App
Beijing Normal University Faculty Development Fund | **RMB 5,000**
8. **Nov 2015**
Evaluation of School-Based STEM Curriculum Development
Beijing Wangjing Experimental School
Grant No. **KJHX2015322** | **RMB 50,000**
9. **Dec 2014**
Functional Positioning and Content Development of Henan Science Museum (New Facility)
Henan Association for Science and Technology
Grant No. **hnkx2014-2-2** | **Principal Investigator** | **RMB 200,000**

University-Level Research Projects

1. **Sep 2025 – Jun 2027**
Curriculum Ideology and Politics Special Fund (Fall Semester 2025–2026): "Future Education"
Teaching Development Center, Shanghai Jiao Tong University
Grant No. **CTLD25AIP0004** | **Principal Investigator** | **RMB 5,000**
2. **Jul 2024 – Jul 2025**
Digital-Intelligence Curriculum Development Initiative: Construction of an Evaluation Index System for AI-Driven Higher Education Ecosystems
Office of Academic Affairs, Shanghai Jiao Tong University
Grant No. **WH620160202/065** | **Principal Investigator** | **RMB 30,000**
3. **Jun 7, 2024** *(Completed; Rated Outstanding – Sole Awardee)*
Impact of University–Industry Collaborative Informal STEM Education Activities on College Students' Entrepreneurial Self-Efficacy
Teaching Development Center & Student Innovation Center, Shanghai Jiao Tong

University
Grant No. **CTLD24C0001** | **Principal Investigator** | **RMB 10,000**

4. **Jan 15, 2024** *(Completed; Rated Outstanding)*
Analysis and Evaluation of Joint University–Industry Talent Cultivation Models for Key Engineering Fields
Excellent Engineer Education Reform Project (Key Reform Track), Shanghai Jiao Tong University
Grant No. **WH630160304/002/002** | **Principal Investigator** | **RMB 50,000**
(Project announcement: https://www.gs.sjtu.edu.cn/post/detail/Z3MxNzU5)

5. **2019**
A Blended Learning Model Based on the Jigsaw Method
Undergraduate Teaching Research Project, Shanghai Normal University
Principal Investigator | **RMB 20,000**

6. **Oct 2015**
Effects of Classroom Seating Design on Students' Learning Engagement
Faculty Development Fund, Beijing Normal University
Grant No. **1-2015110** | **Principal Investigator** | **RMB 5,000**

7. **Jun 2015**
International STEM Summer School 2015
Talent Cultivation Teaching Project, Faculty of Education, Beijing Normal University
Principal Investigator | **RMB 200,000**

8. **Oct 2014**
Design-Based Learning Applications in Science Education: Instructional Design and Case Analysis
Faculty Development Fund, Beijing Normal University
Grant No. **1-2015004** | **Principal Investigator** | **RMB 3,000**

9. **Oct 2014**
Planning, Design, and Application of Future Classrooms Integrating "Learning–Teaching–Practice–Training"
National Engineering Research Center Basic Research Fund, School of Educational Technology, Beijing Normal University
Principal Investigator | **RMB 80,000**

10. **Oct 2014**
STEM Innovative Teaching Research Center
Innovation Team Development Project, Faculty of Education, Beijing Normal University
Grant No. **CXTD201401** | **Principal Investigator** | **RMB 100,000**

11. **Oct 2014**
Revised Flipped Classroom Model for Innovative Teaching in Learning Sciences Courses
Faculty Development Fund, Beijing Normal University
Grant No. **1-2014120** | **Principal Investigator** | **RMB 3,000**

12. **2013 – 2014**
Development of Primary School Curriculum Cases under the STEM Framework
Subproject of the Comprehensive Reform Initiative in Educational Technology,

Beijing Normal University
Principal Investigator | **RMB 20,000**
13. **2014 – 2016**
Effects of E-Schoolbag Instruction on Primary Students' Self-Regulated Learning, Learning Outcomes, and Learning Attitudes
Independent Research Fund, Beijing Normal University
Grant No. **705-105570GK** | **Principal Investigator** | **RMB 100,000**
14. **Oct 2013 – Oct 2015**
Freshman Seminar: "Technology for Advancing Future Teaching"
Office of Academic Affairs, Beijing Normal University
Principal Investigator | **RMB 20,000**
15. **2012 – 2013**
Promoting Critical Thinking through Group-Based Thematic Web Design Activities
"985 Project" – Innovation in Educational Technology Theory and Practice, Beijing Normal University
Principal Investigator | **RMB 20,000**
16. **2011 – 2012**
Students' Behavioral Intentions in Using Learning Object Platforms
Young Scholars Research Fund, Beijing Normal University
Principal Investigator | **RMB 12,000**

Major Honors and Awards

1. **Oct 2025**
Outstanding Administrator in Professional Degree Education, 4th Shanghai Professional Degree Education Awards
2. **2023 & 2024**
Excellent Performance Award, Annual Faculty Evaluation, Shanghai Jiao Tong University
3. **Oct 2024**
Shanghai **Oriental Talent Program (Youth Track)** Awardee
4. **Oct 2024**
First Prize, Shanghai Jiao Tong University Teaching Achievement Award (Graduate Education),
"Integrated Development and Holistic Cultivation: Constructing the SJTU Model for Innovative Teacher Education"
(Ranked 4th).
Awardees: Linyuan Wang, Niancai Liu, Peng Chen, Feng-Kuang Chiang, Shaoxue Liu, Xiaoqiao Zhang, Hannan Guan, Yuhao Cen, Jiazhu Xie, Jiani Zhu
Awarding Unit: School of Education, Shanghai Jiao Tong University
5. **2021–2024**
Elsevier **Highly Cited Chinese Researchers** (Education Discipline), four consecutive years

6. **Sep 24, 2023**
   Outstanding Supervisor Award, *Tianjiabing Cup* Teaching Skills Competition for Full-Time Master of Education Students
7. **2023**
   Selected Case Contributor, 4th Shanghai Youth Innovation & Entrepreneurship "Top 50" Forum
8. **Apr 1, 2023**
   Distinguished Alumnus Award, Centenary Celebration of Fuxing Elementary School, Changhua County, Taiwan
9. **2022**
   Outstanding Paper Award (Student Supervision),
   7th STEM in Education Conference (STEM 2022), The University of Sydney (Supervised student: Zhu Dan)
10. **2021**
   Research Contribution Award, School of Education, Shanghai Normal University
11. **2021**
   Design Star Award, 3rd National University Blended Teaching Design Innovation Competition
12. **2021**
   Outstanding Faculty Award (Meritorious Service), Shanghai Normal University
13. **2021**
   Awardee, *"My Ideal Mentor"* (First Edition), Shanghai Normal University
14. **2021**
   Supervisor of an Outstanding Master's Thesis (Student: Zongjie Sun), Shanghai Normal University
15. **2020**
   Outstanding Supervisor Award, Summer Social Practice Program, Shanghai Normal University
16. **2020**
   Second Prize, Shanghai *Challenge Cup* University Student Entrepreneurship Competition
   (Faculty Advisor)
17. **2020**
   Distinguished Alumnus Award, Department of Educational Technology, Tamkang University, Taiwan
18. **2020**
   Supervisor of an Outstanding Undergraduate Thesis (Student: Qi Si), Shanghai Normal University
19. **2019**
   Best Paper Award, International Symposium on STEM Education
20. **2019**
   Research Contribution Award, School of Education, Shanghai Normal University
21. **2019**
   Supervisor of an Outstanding Undergraduate Thesis (Student: Lu Qiao), Shanghai Normal University

22. **2018**
    First-Ranked Nominee recommended by Beijing Normal University,
    6th National Outstanding Teacher Award for Master of Education Programs
    (National Steering Committee for Professional Degree Graduate Education)
23. **2018**
    Supervisor of a **National Outstanding Master of Education Thesis**
    (Student: Ge Liu), Beijing Normal University
24. **2017**
    Second Prize, Beijing Normal University Teaching Achievement Award
    "Practice-Oriented Competency Development System for Science and Technology Education Professionals"
    Awardees: Juan Wu, Jinbao Zhang, Yin Wang, Feng-Kuang Chiang, Ying Zhou
25. **2017**
    Finalist, *Top Ten Most Popular Graduate Teachers*, Beijing Normal University
26. **2016**
    Led undergraduate team to **Global Runner-Up**, International Olympiad Robotics Competition
27. **2016**
    Liyun Outstanding Young Faculty Award (Second Prize), Beijing Normal University
28. **2016**
    Outstanding Freshman Mentor Award (Academic Year 2015–2016), Beijing Normal University
29. **2016**
    Graduate Teaching Excellence Award – Outstanding Course, Beijing Normal University
30. **2016**
    First Prize, Multimedia Courseware Competition (Liberal Arts Category), Beijing Normal University
    (Team member with Yana Jiang and Jin Zhang)
31. **2015**
    Led undergraduate team to **7th Place Worldwide**, International Olympiad Robotics Competition
32. **2014**
    Outstanding Freshman Mentor Award (Academic Year 2013–2014), Beijing Normal University
33. **2014**
    Led undergraduate team to **Global Runner-Up**, International Olympiad Robotics Competition
34. **2013**
    Led undergraduate team to **6th Place Worldwide**, International Olympiad Robotics Competition
35. **2013**
    First Prize, *Jingshi Talent Program*, Beijing Normal University

36. **2013**
    Young Researcher Award, International Conference on Media in Education (ICoME)
37. **2012**
    Third Prize, 13th Young Faculty Teaching Skills Competition (Science Group), Beijing Normal University
38. **2012**
    Most Popular Teacher Award, 13th Young Faculty Teaching Skills Competition (Science Group),
    Beijing Normal University

Domestic and International Professional Service & Appointments

Professional Memberships & Advisory Roles

- **Member**, Society of International Chinese in Educational Technology (SICET) (Aug 2012–Present)
- **Advisory Committee Member**, World Robot Olympiad Association (WRO) (2013–2023)
- **Expert Panelist (Mainland China Representative)**, *EDUCAUSE Horizon Report* (2020–2021)

Conference Leadership, Chairs, and Executive Roles

- **Co-Chair**, Organizing Committee, *2nd International STEM in Education Conference (STEM 2012)*
- **Executive Committee Member**, *4th International STEM in Education Conference (STEM 2016)*
- **Chair**, Executive Committee, *International Society for STEM in Education (ISSE)* (Jan 2025–Dec 2026)
- **General Chair**, *Shanghai Forum on Frontier Education (SFEE 2022)*, Shanghai Jiao Tong University
- **Executive Subconference Chair**, *GCCCE 2025* – C8: STEM & Maker Education
- **Keynote Speaker & Advisory Committee Member**, *7th International Conference on Information Technology and Education Technology (ITET 2026)*, Hiroshima, Japan

Program Committee / Technical Program Committee (Selected Conferences)

- **TESL 2013** – Technical Program Committee Member
- **ICoME 2013** – Session Chair, International Conference for Media in Education (Japan)

- **STEM 2014** – Program Committee Member, 3rd International STEM in Education Conference
- **STET 2014** – Program Committee Member, International Conference on Smart Technology-based Education and Training
- **ICSLE 2014–2019** – Program Committee Member, International Conference on Smart Learning Environments
- **ICCE 2015–2023** – Program Committee Member, including CUMTEL Subconference
- **GCCCE 2015–2024** – Subconference Vice Chair / Program Committee Member (C2, C3, C8 Tracks)
- **GCCIL 2018–2023** – Program Committee Member / Executive Vice Chair
- **IC3 2018** – Program Committee Member; Workshop PC ("STEAM Education and Computational Thinking")
- **ICIME / IJCIME 2018–2019** – Program Committee Member
- **BERA Annual Conference 2018 & 2019** – Judge, Best EdTech Paper Award
- **ICALT 2023–2025 (IEEE)** – Program Committee Member
- **ICAIE 2022–2023** – Program Committee Member, International Conference on Artificial Intelligence and Education
- **MAR-EDU 2023 (IMCL)** – Program Committee Member
- **SCITEED 2024** – Scientific Committee Member, Istanbul, Turkey
- **CTE-STEM 2025 (APSCE SIG)** – Program Committee Member

Educational Innovation & Competition Committees

- **Expert Judge**, Global Chinese Educational Game Design Award (EGDA)
  - 2020, 2021, 2022, 2023, 2024, 2025
- **Advisor**, Shenzhen Vanke Bilingual School "Dual-Zone" Educational Informatization Pilot (2022–2023)

Selected Recent & Ongoing Roles

- **Program Committee Member**, *GCCCE 2024* – C8 STEM & Maker Education; Workshop Chair: *Game-Based Learning & Gamification for Key Competencies*
- **Program Committee Member**, *GCCCE 2025* – C8 STEM & Maker Education (Executive Chair)
- **Program Committee Member**, *IEEE ICALT 2025* – Track: Augmented Reality & Virtual Worlds in Education and Training (ARVWET)
- **Program Committee Member**, *9th International Conference on CTE-STEM 2025* (EdUHK & SUSTech)

Academic Publications
Monographs / Book Chapters

1. **Chiang, F.-K.**, Jiang, S., Sun, M., & Jiang, Y. (2016, December). E-schoolbag use in Chinese primary school: Teachers' perspectives. In H. Niemi & J. Jia (Eds.), *New ways to teach and learn in China and Finland: Crossing boundaries with technology* (pp. 105–122). Peter Lang. ISBN 9783631676424. https://www.peterlang.com/view/product/25911?format=HC

2. Zhang, Y., Liang, A., Sun, H., Liu, L., & **Chiang, F.-K**. (2015). The design research of informal learning space in future: Constructing the "Smart Space" of Beijing Normal University Library. *Smart Education and Smart e-Learning* (Vol. 41, pp. 25–35). Springer. (EI Compendex). https://doi.org/10.1007/978-3-319-19875-0_3

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