

ZHANG Jinbao Associate Professor

School of Educational Technology

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Address: School of Educational Technology, Beijing Normal University

APPOINTMENT

Beijing Normal University, Beijing, China, 2007-present

- Associate Professor, School of Educational Technology, Faculty of Education, 2013
- Lecturer, School of Educational Technology, Faculty of Education, 2008

Engineer, People Education Press, Beijing, 2000

Lecturer, Tianjin Radio & Television University, 1999

EDUCATION

School of Educational Technology, Beijing Normal University, China, 2004-2007

- PH.D. in Education Technology (2007)
- Dissertation title “Innovation Diffusion Mechanisms of Educational Technology in K12.”
- Committee Chair: HE Kekang

School of Educational Technology, Beijing Normal University, 2001-2004

- M. D. in Education Technology (2004)
- Advisor: HUANG Ronghuai

College of Information Science & Technology, Beijing Normal University, 1995-1999

- B.A. in Education Technology (1999)

TEACHING & RESEARCH EXPERIENCE

School of Educational Technology, Beijing Normal University, Beijing, 2007-2015

- Instructor
- Instruction Technology Foundations; Project Management of Instruction Design and Development; Foundation of Information Science and Technology; Multimedia Technology

SELECTED PUBLICATIONS

Books

1. Innovation and Reform: Key Value of ICT in Education (《创新与变革：教育信息化的核心价值》，著作), Science Press, Beijing, 2007
2. Information Technology and Education(2nd Version) (《信息技术与教育（第二版）》，教材), Beijing Normal University Press, Beijing, 2008
3. Development Guide of E-Learning Curriculum (《网络课程开发指南》，专著) Higher Education Press, Beijing, 2010.
4. The Research of Diffusion of Innovations in Educational Technology (《教育技术

- 创新扩散研究》Beijing University of Posts and Telecommunications Press, Beijing, 2013.
5. Research on Emerging Trends of ICT in Education in Global Context(《国际教育信息化发展研究》) Beijing Normal University Press, Beijing, 2014
 6. ICT in Education in Global Context-The Best Practices in K-12 Schools, Springer Singapore Publisher, 2016

Journal Articles

1. Towards a Critical Understanding to the Best Practices of ICT in K-12 Education in Global Context
ICT in Education in Global Context-The Best Practices in K-12 Schools, Part of the series Lecture Notes in Educational Technology, Springer Singapore Publisher, 20 February, 2016
2. ICT Supported Instructional Innovative Practice and Diffusion Mechanism of K-12 in China
ICT in Education in Global Context-The Best Practices in K-12 Schools, Part of the series Lecture Notes in Educational Technology, Springer Singapore Publisher, 03 November, 2015
3. Innovation Scale-Up of ICT in Education in China
Scaling Educational Innovations, Part II, Springer Singapore Publisher, 2015
4. Semantic Enhanced e-Textbooks: Information Model and Its Application
Computer Science and Applications, 25December, 2015
5. Enhance the Change Strategies for ICTs in Education: Dynamic Diffusion Model and Its Value
Computer Science and Applications, 25January, 2015
6. Emerging Trends Report of ICT in Education in Global Context: Contents and Conclusions, Open Education Research (CSSCI),No. 4, 2014
7. Ten New technologies, The Big Change of Education, Guangming Daily, June 26, 2014
8. Design and Implementation of Science Education Activities for Low school-age children, China's popular science theory and the practice exploration——Proceedings of The 21st session seminar of the national popular science. China Research Institute for Science Popularization, No.6, 2014
9. The Application of Indoor Mobile Digital Navigation Technology in Science and Technology Museum, China's popular science theory and the practice exploration——Proceedings of The 21st session seminar of the national popular

science. China Research Institute for Science Popularization, No.8, 2014

10. The Application Prospect of Open Hardware in Science and Technology Museum——practical exploration based on “Raspberry Pi”, The National Science and Technology Museum Development Forum, 2014
11. Shared Display Groupware: Technology Features, Scenarios, Development Strategy and Prospects in Education, Open Education Research (CSSCI) , No. 4, 2012
12. Experimental Research on the improvement of Multiple-Mouse System on Interactive English Teaching Effect in Primary Schools, E-Education Research(CSSCI), No. 4, 2012
13. Smart Education Cloud: New Service Model of ICT in Education, Open Education Research (CSSCI). No. 3, 2012
14. Research on Informationization Learning Mode and Its Digital Resource Form, Modern Distance Education Research (CSSCI), No. 6, 2010
15. A Review of Online Course Quality Assessment and A Synthesis of Associated Research, Open Education Research (CSSCI) . No. 4, 2011
16. Classroom Interaction Software to Enhance University Instruction Quality: Learners’ Adoption Willingness and Application Effect, Modern Distance Education Research(CSSCI), No. 4, 2011
17. Five Laws of Technology-enhanced Learning, Open Education Research (CSSCI) , No. 1, 2010
18. A Research on Course Planning of Online Course Resource Construction, Modern Distance Education Research (CSSCI), No. 2, 2010
19. Research on the Design of Online Learning Activities, Modern Distance Education Research (CSSCI), No. 4, 2010
20. Design and Development of a Workflow Management System for Online Course Development, Modern Distance Education Research (CSSCI), No. 5, 2010
21. Development of Teacher’s Test syllabus according to National Educational Technology Standards, E-Education Research (CSSCI), No. 6, 2007
22. Three Major Development Trends of ICT in Education in China. Exploring Education Development (CSSCI), No. 19, 2007

23. The Evaluation of Teacher's Educational Technology Capacity, China Educational Technology (CSSCI), No. 4, 2007
24. From Six Elements Model to CIPO Mode: Rethink of the Research Approach of ICT in Education, China Educational Technology (CSSCI), No. 10, 2008
25. Strategic Thinking about Sustainable Development of ICT in K12, Modern Educational Technology, (CSSCI), No. 3, 2008
26. A Study of the Present Status of IT Teacher Training in Microsoft's "Partners in Learning" Project: A Grounded Theory Methodology, e-Education Research (CSSCI), No. 5, 2008
27. Educational Technology Applications and Extension Mechanisms: An Innovation Diffusion Perspective, Open Education Research (CSSCI), No. 5, 2008

SELECTED RESEARCH PROJECTS

1. "Research on Emerging Trends of ICT in Education in Global Context", Ministry of Education-Intel Information Technology Special Fund Project (2013-2014)
2. *High-level Popular Science Specialized Talents Guidance Training Programs*, Popular Science department of China Association for Science and Technology, member of research project team
3. "Three-dimensional Network Learning Space Application System Research with Resource Application as the Core", Beijing education and information network center entrusted project, Project Principal, 2014-2015
4. Research on STEM education mode and the design of learning environment under the support of the new media technology, Research fund projects of Beijing Normal University, Project Principal
5. The Localization of "ICT promoting instruction" advanced course, Ministry of education-Microsoft "Partners in Learning" Project, Project Principal
6. Study on the Evaluation System of Cadre Training for Ministry of Environmental Protection, China
 - Fund Source: Ministry of Environmental Protection of the People's Republic of China, 2011
 - Type: Research Report
 - Principal Investigator: ZHANG Jinbao

7. Single Display Groupware Technology Based interactive Instruction Model in K12's Classroom
 - Fund Source: Key-point project, China National Education Research Fund, 2009
 - Type: Research Report
 - Principal Investigator: ZHANG Jinbao

8. Research of Cultivation Model of scientific expertise in Higher Education
 - Fund Source: China Association for Science and Technology
 - Type: Research Report
 - Principal Investigator: ZHANG Jinbao