Aixia Zhang Instructional Design ● Content Development ● Technology Integration

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E-Portfolio Site (Course Projects**): http://windev.cis.uncw.edu/mit/students/zhang/e-portfolio**

Summary of Qualifications

- Strong background in project/problem-based practice of **ADDIE** (Analysis, Design, Development, Implementation, and Evaluation)
- Two years web-enhanced learning experience with advanced technology
- Three years experience supporting faculty and student use of technology in the classroom
- Three years research experience related to application of instructional technology
- Working knowledge of multimedia application
- Well-developed written and interpersonal skills

Education

December 2007	**Master of Science — Instructional Technology**
University of North Carolina	Focus: Business/Industry
Wilmington, NC	
June 2004	**Master of Education — Educational Technology**
Nanjing Normal University	Focus: Information Technology Integration in k-12
Nanjing, China	Thesis: Cultivation of Self-Directed Learning Ability of Students in 9-12

Professional Experiences

Graduate Assistant, Watson School of Education, University of North Carolina Wilmington, Jan 2006 – Present
- Support and maintain three computer labs – troubleshoot, update software and hardware
- Assist students with technology and troubleshooting – educate students on how to use different technologies
- Provide classroom instruction technology support to faculty
- Shoot live classroom instruction videos for faculty as requested

Course Material Designer, Watson School of Education, University of North Carolina Wilmington, Fall 2006
- Develop course materials for faculty teaching Instructional Design and Evaluation (EDN 301) using Studymate

Course Evaluator, E-learning office of ITSD, University of North Carolina Wilmington, Aug 2007 – Dec 2007
- Work collaboratively to complete Help Course for Blackboard
- Create survey and rubric related to Help Course for the use of Blackboard in online course teaching
- Conduct evaluation on usability of Help Course

Research Assistant, School of Media and Communication, Nanjing Normal University, China, 2001 – 2004

- Develop web-based physics course with team for middle school teachers
- Conduct research and needs analysis for team project: *Information Technology Integration into Education in Congo Brazzaville.* Collaborated with doctoral students.
- Create survey and conducted research for team project: *Draw Up of Information Technology Curriculum Criteria, Grades 9-12* for Chinese Education Department

Publications

- Zhang, A. (2003) Challenges and Countermeasures of Family Education in Digital Era. *Contemporary Youth Research.*
- Zhang, A. (2003) Knowledge Management of Higher Education Institute in Economic Age. *Educational Science Research of Jiangxi.*
- Zhang, A. (2003) Developmental Analysis of Web-based Instruction of High School. *Computerizing Education for Primary and Secondary School.*

Technical Skills/Authoring Tools

Design Tools: Macromedia Fireworks, Macromedia Dreamweaver, Macromedia Flash, Macromedia Captivate, Adobe Photoshop, Microsoft publisher, Microsoft FrontPage, Studymate

Learning Management Systems/ Course Delivery Systems: Blackboard/Vista, WebCT, Moodle, Taskstream, Sakai, Elluminate

Video Tools: Adobe Premiere, Windows Movie Maker

Other applications: Microsoft Office (Excel, Word, PowerPoint), Microsoft Project, SPSS, Freemind,

Instructional Design Related Coursework

- Instructional System Design: Theory and Research   Instructional Development
- Design and Development of Instructional Technology   Web Teaching: Design and Development
- Multimedia Design and Development   Instructional Video Design and Production
- Evaluation and Change in Instructional Development Process   Web Teaching: Design and Development
- Managing Instruction Development   Organization and Management of Instructional Technology Programs

Course Projects (Portfolio)

My Online Portfolio describes all projects I have worked on covering instructional system design and development both at micro level and at macro level, multimedia application, e-learning technology application, video production, instructional project management, instructional evaluation, and technology integration application.