

CURRICULUM VITAE

Dr. Minjuan Wang

I. EDUCATION

<u>A. Institution</u>	<u>Years Attended</u>	<u>Degree</u>	<u>Major Field</u>
University of Missouri	Fall 97 to Spring 01	Ph.D.	Learning Technologies
Penn State University	Fall 95 to Spring 97	M.A.	Comparative Literature
Peking University	Fall 90 to Summer 95	B.A.	Chinese Literature

II. TEACHING POSITIONS AND RANKS HELD

<u>Institution</u>	<u>Rank</u>	<u>Date</u>	<u>Major Subject</u>
San Diego State University	Associate professor	Fall'06-	Education (technology)
San Diego State University	Assistant Professor	Fall'00-Sp'06	Education (technology)
University of Missouri	Researcher coordinator	F'97 to Spr'00	Education (technology)
Penn State University	Graduate Assistant	F'95 to Spr'97	Language and Technology
Shanghai Jiaotong University	Adjunct faculty	S'08—present	Educational Technology
University of Joensuu, Finland	Adjunct faculty	S'08---present	Educational Technology

Responsibilities: teach graduate-level courses, advise master's students, conduct academic and action research, community service

University of Missouri	Researcher coordinator	F'97 to Spr'00	Education (technology)
Shanghai Jiaotong University	Adjunct faculty	S'08—09	Educational Technology
University of Joensuu, Finland	Adjunct faculty	S'08---09	Educational Technology

III. TEACHING EFFECTIVENESS (On-campus and Online classes)

Curriculum Development and Teaching Innovations

EDTEC 700 (Going Global: Designing and Managing Learning for the Global Audience): a new course I created to explore some of the intriguing and emerging issues in global teaching, learning, or training. Major topics: a) understanding best practices and research for global learning, b) assessing cross-cultural localization examples, and c) refining strategy for blended, international delivery. This course will be offered in Spring 2006 for campus students.

EDTEC 572 (Technologies for Course Delivery): Created more instructional materials and activities on the use of new and emerging technologies, learning objects, and blended learning, to ensure the alignment of course content and competencies. Created and facilitated students' use of weblogs to increase their knowledge-sharing and sense of community. Also taught this class in the Republic of Palau and the course was well received by the students (K-12 teachers and corporate trainers).

ED 690 (Methods of Inquiry): Revised the course content and assignments to increase relevance to the students' current undertakings and future career goals. Generated extensive instructional materials and activities to help students better learn data analysis, statistics, and technological tools. Developed reasonable assignments to engage students in hands-on practice with data collection, analysis, and reporting. Developed the course (both content and website) for online students.

EDTEC 544 (Instructional Design): Infused instructional design experiences into streamlining the course content and into developing new modules. Continued to develop the curriculum for distance education students and effectively taught the online section through live webcast, team facilitation, and the establishment of a learning community.

EDTEC 561 (Advanced Multimedia Development): Facilitated and supervised students to produce educational movies for real clients such as SDSU's College of Business. The video titled *Hospitality Personalities* has been frequently used to recruit students for the newly-established Hotel and Tourism Management program, and to introduce freshmen to the norms of the hospitality industry.

EDTEC 470 (Technologies for Teaching): Helped align the curriculum to meet the needs of particular student groups. Created handouts and job aids to assist students' acquisition of computer knowledge and skills. Created opportunities for place-bound and computer-supported collaborative learning. Facilitated group collaboration and the building of a supportive learning environment.

EDTEC 540 (Introduction to Educational Technology) : adapted and taught this course in Micronesia (four beautiful islands---Palau, Chuuk, Pohnpei, Kosrae)

Teaching Awards

TechStar of San Diego State University (Certificate and the Provost's acknowledge letter), an award from ITS (Instructional Technology Services), to faculty who use technology (mainly the Blackboard course delivery system) in innovative ways, Fall 2004 to Spring 2005

Technologies Used Often in Online class: AdobeConnect, Horizon Wimba, and all Web 2.0 tools (Google docs, forms, sites, facebook, blog, podcast); Dreamweaver, Adobe presenter

IV. CORPORATE EXPERIENCES

Designer, Creative Science Ltd., a U.K. Start-up Company 2010 to present

Instructional designer, *Learning and Education, and Knowledge Management group*,
PricewaterhouseCoopers 1999-2000

Online training and teaching consultant, Motorola University 1999-2001

Web designer, *CRCG (Fraunhofer Center for Research in Computer Graphics)*, Providence, Rhode Island 1998

V. PROFESSIONAL GROWTH

Recent Articles in Refereed Journals

Tan, L., & Wang, M. J. (2010). Best practices in teaching online or hybrid courses: A synthesis of principles. *Lecture Notes in Computer Science*, 5685, (pp.112-121). Berlin: Springer Publishing.

Wang, M. J., Jimenez, M., Rauen, A., & Dysinger, R. (2010). Understanding the Support Needs of Non-native English Speakers in Online Learning. *Open Education Research*, 16(2), <http://openedu.shtvu.edu.cn/frontsite/index.asp>

- Wang, M. J., Novak, D., & Pacino, J. (2009). **Characteristics affecting learner participation in large hybrid classrooms.** *Lecture Notes in Computer Science*, 5685, (pp.112-121). Berlin: Springer Publishing.
- Wang, M. J., Shen, R. M., Novak, D., & Pan, X. Y. (2009). **The impact of mobile learning** on students' learning behaviours and performance: Report from a large blended classroom. *British Journal of Educational Technology*, 40(4), 673-695. Retrieved May 12th, 2008 from <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-8535.2008.00846.x>
- Shen, R. M., Wang, M. J., Gao, W. P., Novak, D., & Tang, L. (2009). Mobile Learning in a large blended computer science classroom: System function, pedagogies, and their impact on learning. *IEEE Transactions on Education*, 52(4), 538-546.
- Shen, L., Wang, M., & Shen, R. (2009). Affective e-Learning: Using “Emotional” Data to Improve Learning in Pervasive Learning Environment. *Educational Technology & Society*, 12(2), 176–189.
- Zhang, C., Chen, G., Wang, M.J., & Wang, H. M. (2009). Studying on design of small-chunk learning resources in mobile learning. *Open Education Research in China*, 15(3), 67-72.
- Zhang, C., Chen, G., Wang, M. J., & Wang, H. M. (May, 2009). Cluster analysis of student characteristics in mobile-learning using EM Algorithm. *Journal of Distance Education in China*, 68-71.
- Wang, M. J., Shen, R. M., & Novak, D. (2008). Assessing the effectiveness of mobile learning in large hybrid/blended learning classrooms. In J. Fong, R. Kwan, & F. L. Wang (Eds.): *Lecture Notes in Computer Science: Theoretical Computer Science and General Issues*, 5169, (pp. 304-315). Berlin: Springer Publishing. <http://www.springer.com/computer/lncs?SGWID=0-164-0-0-0>
- Wang, M. J. (2008). **Cybergogy for engaged learning.** *Journal of Open and Distance Education in China*, 14(2), 14-22, Retrieved June 12th, 2008 from http://openedu.shtvu.edu.cn/frontsite/series_details.asp?id=635
- Shen, R. M., Wang, M. J., & Pan, X.Y. (2008). Increasing interactivity in blended classrooms through a cutting-edge mobile learning system. *British Journal of Educational Technology*, 39(6), 1073-1086. Retrieved September 7, 2007 from <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-8535.2006.00626.x>
- Qian, L., Fan, N., Wang, M. J. (2008). 网络学习认同感结构初探 (Structure of Network Learning Identity) An empirical study of online learning identification and influential factors. *Educational Technology in China*, 260(9), 40-42.
- Wang, M. J. (2007). **Designing online courses that effectively engage learners from diverse cultural backgrounds.** *British Journal of Educational Technology*, 38(2), 294-311. Retrieved March 1, 2007 from <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-8535.2006.00626.x>
- Yang, F., Wang, M. J., & Shen, R. M. (2007). Community-Organizing Agent: An artificial intelligent system for building learning communities among large numbers of students. *Computers and Education*, 49(2), 131-147. (Indexed by Science Citation Index)

Wang, M. J., & He, F. (2006). **Designing online learning for the global audience.** *Journal of Distance Education in China, 2006*(12), 16-21. Retrieved March 1, 2007 from <http://www1.open.edu.cn/ycjy/luntan.php?id=246>

Yu, S. Q., Wang, M. J., & Che, H.Y. (2005). An exposition of the crucial issues in China's educational informatization. *Educational Technology Research and Development, 53*(4), 88-101. Abstract Online: <http://www.aect.org/Intranet/Publications/etrd/5304.asp>

Chapters in Refereed Books

Wang, M. J., Zhang, H., & Saba, F. (In press). **Instructional technology: Distance education and online learning.** In X. X. Wang, & R. H. Ouyang (Eds), *Instructional technology: Critiques on the development of social sciences in the West*. Beijing: Renmin Publishing.

Rogers, P. C., & Wang, M. J. (2009). Cross-cultural issues in online learning. In P. Rogers, & G. Berg (Eds), *Encyclopedia of Distance Learning (2nd ed)*, (pp. 527-536). PA: IGI publishing.

Callaghan, V., Shen, R. M., & Wang, M. J. (2009). **A mixed reality approach to hybrid learning in mixed culture environments.** In J. Fong, R. Kwan, & F. L. Wang (Eds.), *Handbook of Hybrid Learning*, 5169, (pp. 54-65). Berlin: Springer Publishing.

Wang, M. J. & Kang, J. (2006). Cybergogy of engaged learning through information and communication technology: A framework for creating learner engagement. In D. Hung & M. S. Khine (Eds.), *Engaged learning with emerging technologies* (pp. 225-253). New York: Springer Publishing.

Wang, M. J., Shen, R. M., & Tong, R. (2005). Mobile learning with cell phones and Pocket PCs. in R. Lau, Q. Li., R. Cheung, & W. Liu (Eds), *Lecture Notes in Computer Science: Advances in Web-Based Learning, 3583*, (pp. 332-339). Berlin: Springer Publishing. Abstract online: <http://www.springerlink.com/content/0q4buv9hem62ndtw/>

Wang, M. J., & Cadiero-Kaplan, K. (2004). Computer-assisted language learning. In A. Kovalchick & K. Dawson (Eds.), *Education and technology: An encyclopedia* (pp. 144-152). Santa Barbara, CA: ABC-CLIO.

Wang, M. J., & Folger, T. (2004). Effects of faculty and student diversity in the college classroom: A case study. In A. Johns & M. Sipp (Eds.), *Addressing diversity in our classrooms* (pp. 152-173). Ann Arbor, MI: University of Michigan.

Wang, M. J., Rossett, A., & Wangemann, P. (2002). An exploration of engagement and mentoring in online problem solving. In C. Sleezer, R. Cude, & T. Wentling (Eds.), *Human resource development in a networked world: Building competitive advantage* (pp. 153-184). Norwell, MA: Kluwer Academic Publishers.

VI. Participation in Professional Associations

- Board, International Engineering Education Colloquium
- Association for the Advancement of Computing in Education (AACE), editorial board member
- Association for Educational Communications and Technology (AECT); board member of the International Division
- Computer Assisted Language Instruction Consortium (CALICO)
- American Council of Teaching of Foreign Languages (ACTFL)
- International Society for Performance Improvement (ISPI)
- International Alliance of Teaching Scholars (IATS)

- International Society for Technology in Education (ISTE)
- Editorial Advisory Board of the "Handbook of Research on Hybrid Learning Models: Advanced Tools, Technologies, and Application"
- Editorial board member for the Open Education Journal (<http://bentham.org/open/toeduj/>)

VII. RECENT COMMUNITY SERVICE

- Senator of San Diego State University (2007-2013)
- SDSU Campus-wide Coordinator of the exchange programs between SDSU and Beijing Normal University
- Session Chair, Intelligent Environments Conferences 2009, Kuala Lumpur, Malaysia.
- Session Chair, the International Conference on Hybrid Learning, August 25-28, MaCau, China
- Organizing committee, Technology for Innovation and Education in Developing Countries, July 31 - August 2, 2008, Kampala, Uganda
- Conducted a workshop on research methods, for Shanghai Distance Education Group, January 15, 2008 (including Open University of Shanghai; and *Journal of Open Education in China*).
- Conducted a workshop on blended learning for the Training Association of China (Shanghai Branch)
- Reviewer for *Global Chinese Journal on Computers in Education*, <http://www3.fed.cuhk.edu.hk/gcjec/> (edited by Professor Lee from Chinese University of Hong Kong)
- Coordinated the Eastern Europe, Asia & Pacific Regions at the International Division, Association for Educational Communication and Technology (AECT), 2005 -- 2007
- Served on the Program Committee of the 9th and 10th Annual *Global Chinese Conference on Computers in Education* (GCCCE) Conferences (Hawaii and Beijing)

VIII. Scholarly Awards (Invited Presentations, Fellowships)

University Grant Programs for studying large online classrooms at SDSU, 2010-2011, \$9,992

Invited VIP Speaker, China Enterprise e-learning Forum and Expo, November 5, 2010, Beijing, China

Invited Speaker, the International Conference on Hybrid Learning 2009 (ICHL 2008), August 18-20, 2009, MaCau

Invited Speaker, the International Conference on Hybrid Learning 2008 (ICHL 2008), August 13-15, Hong Kong

Invited VIP Speaker, The Sixth International Conference on Information and Communications Technologies (ICICT 2008), Cairo, Egypt

Collaborative research and teaching at Shanghai Jiaotong University, Wang Family Scholarship for Faculty, Sep. 2006 – August 2007 (\$10,000)

Postdoctoral Fellow for the Joint Doctoral Program of Education (JEdD) Virtual Learning Community, San Diego State University and University of San Diego, Summer-Fall 2001

Ellworth G. Huggins fellowship for outstanding doctoral student, Graduate School of University of Missouri, Columbia, Fall 1997 to Fall 2000 (\$40,000)

Funded Research and Development Grants (Major Ones)

A Technology-Based Model for Detecting Learner Emotions in E-Learning, Department of Science and Technology in China, 900,000 Chinese Yuan for two years (1/1/2008 to 12/31/2009) (leading researcher)

Creating Online Diagnostic Tests and Course Materials for Chinese and Other Critical Languages, Department of Education, awarded to SDSU's LARC (Language Acquisition Resource Center), \$855,929 from 09/01/2004--08/31/2008 (Co-principal investigator for the entire project, leader for the Chinese team)

K-College Collaboration: Creating Learning Communities. Part of the Title VI Funding for SDSU's LARC (Language Acquisition Resource Center), from National Foreign Language Centers, \$20,000/year for four years (2002-2006) (principal investigator for this K-College project)