NCATE VITA
2008-2009

Name	Xin Liang
Position/Title	Associate Professor
Faculty Status	[ ] Graduate [ ] Undergraduate [X] Both
Appointment Date	2002

1. Academic Degrees

Degree	University	Year	Major
Ph D	University of North Dakota	2002	Research Methodologies
M ED	Mount Saint Vincent University	1999	Educational Foundations
B A	Xin Jiang University	1983	English

2. Professional Experience (most recent first, including elementary and secondary teaching and school support service)

Years	Location, Title
2007-Present	Department of Educational Foundations & Leadership, University of Akron, Akron, Associate Professor
2002- 2007	Department of Educational Foundations & Leadership, University of Akron, Akron, Assistant Professor
1999- 2002	Bureau of Educational Services & Applied Research, University of North Dakota, Grand Forks, Research Assistant
1998– 1999	Department of Education, Mount Saint Vincent University, Halifax, Teaching and Research Assistant
1990– 1997	Xin Jiang Pedagogical Institute, Urumqi, P.R. China, Adjunct Research Associate
1983-1996	Urumqi No. One High School, Urumqi, P.R. China, English Teacher

3. Faculty and Administrative Load for more recent full year

Spring 2009

Course no.	Title	Credits
5100:640	Techniques of Research	3
5100:640	Techniques of Research	3
5100:743	Advanced Statistics in Education	3

Fall 2008

Course no.	Title	Credits
5100:742	Statistics in Education	3
	Research Release: Lumina-OLN QuickStart to College Evaluation	6

Other Collegiate Assignments

2008-2009 Student Advising: Active Doctoral Student Dissertation Committees

2008 Kara Kaelber
2009 Katie Cripe
2009 Kyle Gray
2008 Linda Revey
2008 Linda Collin
2008 Stacy Willet
2008 John Horner
2006 Kerry Bebie
2006 James Rosneck
2006 Susan Philips
2006 Paulinus, Enkono

Internship

2009 Patrick Allala
2008 Stacy Willet

Ph. D Candidacy Comprehensive Exam

2009 John Nicholas
2009 Denise-Rich Gross
2008 Linda Revey
2008 Lynn Ciccantelli

4. Current Professional and Academic Association Memberships*

Ohio Achievement Assessment Advisory Committees
*Co-chair Division D (Measurement and Research) Midwestern Educational Research Association
American Educational Research Association
American Evaluation Association
2009-2011: University of Akron Confucius Institute Steering Committee
*2008-2009: College graduate studies Committee (co-chair)

5. Current Professional Assignments and Activities (non-teaching)*

2008-2009 University Service

2009-2011: University of Akron Confucius Institute Steering Committee
2008-2009: College Graduate Studies Committee (co-chair)
2008-2009: College diversity Committee
2007-2008: College Council Executive Committee
Ad Hoc College Curriculum Proposal Review Process Committee
2008-2009: Department Curriculum Committee
2008-2009: Department Chair Review Committee
Ad Hoc 2008 Market Adjustment Committee

Ad Hoc 2009 Ed D Admission Committee

Professional Community Service

2009 Members of Ohio Achievement Assessment Advisory Committees
2009-2010 Division D Chair (Measurement and Evaluation) Midwestern Educational Research Association
2008 Reviewer for Mid Western Educational Research Association conference proposals.
2008 Discussant of Mid Western Educational Research Association Conference, Columbus, OH
2008 Session Chair of Mid Western Educational Research Association Conference, Columbus, OH
2002-2009 American Evaluation Association (member)
2002-2009 Mid Western Educational Research Association
2002-2009 American Educational Research Association (member)

Participation of Professional Development

American Educational Research Association Conference –Professional Development Session: Sampling Method for Cluster Experimental Design. San Diego, CA, 2009.

6. <u>Publications</u> (Select from most recent and most important. List one per line.)

Refereed Publication

Liang, X, Ward, C., & Xiao, Y.C. (2008). Indicators of a successful open source collaborative learning environment. *Journal of Instructional Delivery Systems*. *22 (4),* 14-19.

Liang, X., Ward, C. & Xiao, Y. (2008). Enhancing Technology Use Through Open Source Learning System: Initial Findings from OLP_Sakai Pilot Project. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 1005-1008). Chesapeake, VA: AACE.

Vonderwell, S., Liang,. X., & Alderman, K. (2007). Asynchronous discussion and classroom assessment in online learning. *Journal of Research on Technology in Education*, 39 (3), 309-328.

Smolen, L, Colville_Hall, S, Liang, X, & MacDonald, S. (2006). An empirical study of college of education faculty's perceptions, beliefs, and commitment to teaching of diversity in teacher education programs at four urban universities. *Urban Review 38 (1), 45-61*.

Forawi, S. A. & Liang, X. (2005). Science electronic portfolios: Developing and validating the scoring rubric. *Journal of Science Education, 2 (*6), 97-99.

Liang, X. (2004). Using e-observation to conduct qualitative inquiry online- A research note. *National Forum of Applied Educational Research Journal, 2(87), 2004-2005, 5-12.*

Liang, X & Creasy, K. (2004). Classroom assessment in web-based instructional environment: instructors' experience. *Practical Assessment, Research & Evaluation (online journal), 9(7),* http://pareonline.net/getvn.asp?v=9&n=7online journal.

Liang, X, Colville_Hall, S. MacDonald, S., & Smolen, L. (2004). *A* Mixed method approach: the study of faculty beliefs in the teaching of diversity in college of education. *Journal of Research in Education 14 (1), 57-66.*

Liang, X, He, B, & Landry, R. (2004*)* Content validity of a locally-developed instrument measurement for accreditation purposes. *Journal of Effective School,* 3 (2*), 29-39.*

Book Chapter

Liang, X. (2007). Application of testing theory to measure pre-service teacher's beliefs, self-reflections, expectations, & praxis to ameliorate prejudice and discrimination. In Feng, X., Hu, X., & Liang, J. (Ed), *Cross-linguistics & Cross-cultural Communication-Theory & Application in Language Teaching & Research.* The World Chinese Publishing Company Ltd

Liang, X. & Creasy, K. (2006). Classroom assessment in web-based instructional environment: Instructors' experience. In Hirschbuhl, J. J & Kelley, R. J (Ed), *Computers in Education.* McGraw-Hill.

Other Publication/Technical Report

Liang, X. & Olson, S. (July 2009). Evaluation Report of Quick Start to College Project. Annual evaluation report to Ohio Learning Network.

Liang, X., Ward, C., & Xiao, Y. (July 2008). Evaluation Report of OLP-Sakai Pilot Project. Annual evaluation report to Ohio Learning Network.

Kruse, S., Liang, X, & Beese, J. (June 2008). Evaluation report of Supplemental Educational Services. Annul evaluation project report to Ohio Department of Education.

Liang, X. Zhou, Q, et. al (2007). The Sate of Ohio enhancing education through technology Program: Phase II evaluation report. Annual evaluation report to Ohio Department of Education.

Kruse, S., Liang, X, & Beese, J. (2007). Evaluation report of Supplemental Educational Services. Annul evaluation project report to Ohio Department of Education.

Liang, X. (2007). Evaluation Report of Scientific Ways of Knowing Summer Institute. Annual Evaluation Report to the Ohio Board of Regents.

Liang, X. (2006). The Sate of Ohio enhancing education through technology Program: Phase I evaluation report. Annual evaluation report to Ohio Department of Education.

Kruse, S., Liang, X, & Beese, J. (2006). Evaluation report of Supplemental Educational Services. Annul evaluation project report to Ohio Department of Education.

Kruse, S., Liang, X, & Cox, M. (2005). Evaluation report of Supplemental Educational Services. Annul evaluation project report to Ohio Department of Education.

Liang, X, & Kruse. (2004). Cleveland Municipal School District Supplemental Educational Services external evaluation report. Technical valuation report to Ohio Department of Education.

Liang, X & Kruse, S. (2004). Columbus School District Supplemental Educational Services external evaluation project report. Annul evaluation project report to Ohio Department of Education.

Kruse, S., Liang, X & Widenbaugher, B. (2004). Supplemental Educational Services external evaluation project report. Annul evaluation project report to Ohio Department of Education.

7. **<u>Papers Presented</u> (Select from most recent and most important. List one per line.)**

Referred Conference Presentation

Liang, X. (2008). Assessment use, self-efficacy, and mathematics achievement: A comparative analysis of Pisa 2003 data. Mid Western Educational research Association Conference. Columbus, Oct, 2008.

Liang, X. (2009). Experience of Using TPACK Model to Evaluate Open Source Collaborative Learning System. 7th Conference for International Humanities, Beijing, June, 2009.

Liang, X, Ward, C., & Xiao, Y.C. (2008). Enhancing Technology Use Through Open Source Learning System: Initial Findings from OLP_Sakai Pilot Project. E-Learn 2008-World Conference, November, Las Vegas, Nevada

Liang, X. & Zhou, Q. (2007). Enhancing mathematics learning through technology: a case study of k-8 student experiences. Midwestern Educational Research Association Annual Conference, October, St. Louis, MI.

Liang, X. (2007). Application of Testing Theory to Measure Cultural Competency of PreService Teachers in College of Education. Paper presentation at the 2007 international conference on language education research. August, Urumqi, China.

Forawi, S, Liang, X. (2007). Examining and Validating Pre-service Science Teachers' Electronic Portfolio Experiences. Paper presentation at the 2007 AERA conference, April, Chicago, IL.

Liang, X., Forawi, S, & Hircshbuhl, J. J. (2007). Increasing inservice teachers' scientific way of knowing. Paper presentation at the 2007 NARST conference, April, New Orland, LA.

Forawi, S, & Liang, X. (2006). Preservice teachers' assessment of critical thinking attributes of the Ohio academic standards. Paper presentation at the 2006 American Evaluation Association conference, Nov, Portland, Oregon.

Liang, X, & Vonderwell, S. (2005). Exploring formative assessment to influence student expectation and effort for master's cohort classes. A paper presentation at the 2005 Mid-Western Educational Research Association conference, Oct. Columbus, OH.

Liang, X; Colville-Hall, S; Alderman, K; & Chappell, C. (2005). Measuring teacher candidate's beliefs, knowledge, and expectation about diversity. Paper presentation at the 2005 Mid-Western Educational Research Association conference, Oct. Columbus, OH.

Vonderwell, S, & Liang, X. (2005). Assessment of asynchronous discussion in online learning. Paper presentation at the 2005 American Educational Research Association conference. April, Montreal.

Colville-Hall, S; Liang, X; Alderman, K; & Chappell, C. (2005). A data-driven system to assess the effectiveness of teacher preparation in addressing diversity education. Paper presentation at the 2005 American Educational Research Association conference. April, Montreal.

Liang; X, Smolen, L; Colville-Hall, S; & MacDonald, S. (2005). *A* Mixed method approach to study faculty beliefs in the teaching of diversity in college of education. Paper presentation at the 2005 American Educational Research Association conference. April, Montreal.

Liang, X. (2004). Using formative assessment to impact student expectation, effort, and achievement in master's cohort classes. A paper presentation at the 2004 American Evaluation Association Conference. Nov., Atlanta, Georgia.

Forawi, S, & Liang, X. (2004). Validation of an electronic rubric to assess science preservice teacher's learning. Paper presentation at the 2004 American Evaluation Association Conference. Nov., Atlanta, Georgia.

9. <u>Research</u> (List funded or personal research, special studies, documented research in progress; one per line.)

<u>External</u>

Kruse, S & Liang, X. (2008-2009). (Co PI). Supplemental Educational Services External Evaluation Project. Funding received $43,320.08. ODE.

Liang, X, & Olson, S. (2008-2010). (PI). The Evaluation of the QuickStart to College Project. Funding received $ 75,000.00. Ohio Learning Network.

Liang, X. Xiao, Y.C., & Ward, C. (2007-2008). (PI). The Evaluation of the Open Learning Partnership Ohio. Funding received $45,000.00. Ohio Learning Network.

Steer, D. & Liang, X. (2007-2008). (CO PI). Collaborative Research: Evaluating student learning in geoscience curricula that employ concept tests using electronic student response systems. Funding received $247,221.00. National Science Foundation.

Steer, D. & Liang, X. (2007-2008). (CO PI). Collaborative Research: Evaluating student learning in geoscience curricula that employ concept tests using electronic student response systems. Funding received $18,505.00. Matching Fund by Ohio Board of Regents.

Kruse, S & Liang, X. (2007-2008). (Co PI). Supplemental Educational Services External Evaluation Project. Funding received $31,320.08. ODE.

Kruse, S. & Liang, X (2007-2008). (Evaluator). Active Research Method: A Project to Align and Improve Research Methods Curriculum Through Faculty Professional Development and Hands-on Learning, and Community Engagement. Funded by National Science Foundation.

Liang, X, & <u>Zachariah</u>, S. (2006-2007). (PI). The State of Ohio Enhancing Education Through Technology Program Evaluation Project. Funding received $78, 453.00. ODE.

Kruse, S & Liang, X. (2006-2007). (Co PI). Supplemental Educational Services External Evaluation Project. Funding received $31,320.08. ODE.

Forawi, S, Hirschbuhl, J. & Liang, X. (2006). (Evaluator). Institute for Development of K-12 Teachers' Scientific Ways of Knowing. Funding received $ 45,000.00. Ohio Board of Region.

Kruse, S & Liang, X. (2005). (Co PI). Supplemental Educational Services External Evaluation Project. Funding received $19,320.08. Ohio Department of Education.

Kruse, S, & Liang, X. (2004). (Co PI). Supplemental Educational Services External Evaluation Project. Funding received $25,320.08. Ohio Department of Education.

Liang, X, & Kruse, S. (2004). (PI). Supplemental Educational Services External Evaluation Project. Funding received $ 5,180.00. Cleveland Municipal School District.

<u>Internal</u>

Liang, X (2007). Faculty global fund. College of Education. Funding received $3,000.00.

Liang, X (2006). Institutional Factors to Impact Mathematics Achievement: An International Comparison. University of Akron faculty research grant. Funding received $3,984.00.

Forawi, S; Foster, H; Pachnowski, L; Newman, C; & Liang, X. (2005). University of Akron, Teaching and Learning Center. Education Team: examining preservice teachers' perceptions of critical thinking attributes of the state academic content standards. Funding received $ 5,000.00.

Kushner Benson, S; Prettyman, P. S.; & Liang, X. (2004). College of Education, University of Akron. Harrington Scholarly Team. Faculty Research Needs. Funding received $20,000.

Liang, Xin. (2003). The University faculty research grant. Classroom assessment in web-based instruction. Funding received $3,552.

Colville-Hall, S; Liang, X; Alderman, K; & Chappell, C. (2003). College of Education, University of Akron. Harrington Scholarly Team. Teacher Candidate Knowledge and Disposition of Multicultural Education Agenda. Funding received $20,000.

Liang, X. (2003). External mentor for new faculty grant. College of Education. Funding received $1,000.00.

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