

Xianwei Y. Van Harpen

Department of Mathematical Sciences
EMS Building, Room 414
University of Wisconsin-Milwaukee
3200 N. Cramer Street
Milwaukee, WI 53211-3029
(414)229-2685

EDUCATIONAL BACKGROUND

Ph.D., Mathematics Education, Illinois State University, Normal, IL, 2009

M.Ed., Mathematics Education, East China Normal University, Shanghai, China, 2005

B.S., Mathematics Education and Applied Mathematics, Shandong Teachers University, Jinan, China, 2002

AWARDS AND HONORS

National Science Foundation: Awarded 2011 Summer Service, Teaching and Research for Early Career Mathematics Educators Star program, Park City, Utah, 2011

New Faculty Initiative Grant: A Comparative Study of Pre-service Teachers' College Mathematics Education Programs and their Mathematical Knowledge for Teaching in the United States and China, Illinois State University, 2011

Preparing Urban Teachers: TEACHER+PLUS Urban Teacher Preparation Course Development Grant, Illinois State University, 2011

Lea Winegarner Scholarship (for international students pursuing careers of service to their country), Illinois State University, 2009

Outstanding Graduate Teaching Award (Doctoral Level I) (to recognize outstanding contributions to teaching made by graduate students as part of their program and educational experience at Illinois State University), Illinois State University, 2008

Ada Belle Clark Welsh Scholarship (for women in the field of liberal arts and humanities, including study for teacher preparation or improvement), Illinois State University, 2007

Lucy Jen Huang Hickrod Scholarship (for promising graduate students from the People's Republic of China who have a record of academic excellence, outstanding career goals), Illinois State University, 2007

Phares O'Daffer Ph.D. Fellowship, Mathematics Department, Illinois State University, 2005

ACADEMIC POSITIONS HELD

Algebraic Literacy Pathway Math098/108 Coordinator, Teaching Academic Staff, Department of Mathematical Sciences, University of Wisconsin-Milwaukee, 2014 – present

Math 105 Intermediate Algebra Coordinator, Teaching Academic Staff, Department of Mathematical Sciences, University of Wisconsin-Milwaukee, 2013–2014

Assistant Professor, pre-tenure, Department of Mathematics, Illinois State University, 2010 – present

Teaching Assistant, Department of Mathematics, Illinois State University, 2005 – 2009

Research assistant, Illinois State University, Normal, IL, Summer 2008

Teaching Assistant, Department of Mathematics, East China Normal University, Shanghai, China, 2002 – 2005

TEACHING EXPERIENCES

Courses Taught at the University of Wisconsin-Milwaukee Since 2013

- Math 108 Algebraic Literacy II
- Math 095 Essentials of Algebra
- Math 105 Intermediate Algebra
- Math 799 Teaching Mathematics to Undergraduates

Courses Taught at Illinois State University Since 2005

- MAT 314 Concepts of Calculus for Middle School Teachers
- MAT 302 Teaching Mathematics in Grades 6-8
- MAT 152 Structure of Number Systems II
- MAT 130 Dimensions of Numerical Reasoning

Supervising graduate students

- Served on the Ph.D dissertation committee of Heidi Staebler Wiseman, 2010 –2011
Dissertation title: Problem Posing as a Pedagogical Strategy: A Teacher’s Perspective

SERVICE CONTRIBUTIONS

Ernst Schwandt Graduate Teaching Award Committee, University of Wisconsin-Milwaukee, 2013 – present

Coordinator of MAT 152 Structure of Number Systems II, 2010 – 2012

Mathematics Department Events Committee, 2010 – 2012

Mathematics Department Council, 2010 – 2012

Mathematics Department Students Life Committee, 2010 – 2011

Graduate student representative of the University Teaching Committee, Illinois State University, 2008 – 2009

President of Chinese Students and Scholars Association, Illinois State University, 2008 – 2009

Treasurer of Chinese Students and Scholars Association, Illinois State University, 2006 – 2007

PUBLICATIONS

Van Harpen, X. Y., & Sriraman, B. (2012). Creativity and Mathematical Problem Posing: An Analysis of High School Students' Mathematical Problem Posing in China and the United States. *Educational Studies in Mathematics*.

Van Harpen, X. Y., & Presmeg, N. (2011). Insights into students' mathematical problem posing processes (research report), *Proceedings of the 35th International Conference of the International Group for the Psychology of Mathematics Education*, 4, 289-296.

Yuan, X., & Presmeg, N. (2010). An exploratory study of high school students' creativity and mathematical problem posing in China and the United States (research report). *Proceedings of the 34th International Conference of the International Group for the Psychology of Mathematics Education*, 4, 321-328.

Yuan, X., & Sriraman, B. (2010). An exploratory study of relationships between students' creativity and mathematical problem posing abilities—Comparing Chinese and U.S students. In B. Sriraman, K. Lee (Eds.), *The Elements of Creativity and Giftedness in Mathematics* (pp. 5-28). Rotterdam, Netherlands: Sense Publishers.

Yuan, X., & Lim, C. S. (2007). A Comparison of school mathematics curriculum: Between Malaysian and Shanghai (China). *Proceedings of the 4th East Asia Regional Conference on Mathematics Education*, 186-191.

CONFERENCE PRESENTATIONS

Van Harpen, X. Y. (2012). Help graduate instructors survive and enjoy teaching college courses —some challenges and ideas (poster). The Sixteenth Annual Conference of the Association of Mathematics Educators.

Van Harpen, X. Y. (2012). It is all about communication (poster). The Annual Teaching Symposium of Illinois State University.

Van Harpen, X. Y. (2011) A case study of a Chinese-American student's mathematical abilities (poster), *Proceedings of the 33rd Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education*, 49.

Yuan, X. (2009). An Investigation of Students' Creativity and Mathematical Problem Posing in China (short oral presentation). The International Group for the Psychology of Mathematics Education.

LOCAL PRESENTATIONS

Yuan, X. (2008). Through Chinese eyes: mathematics education in China and the U.S. (presentation). The Group for Education Research in Mathematics, Mathematics Department, Illinois State University.

Yuan, X. (2007). The influence of culture on mathematics education in China (presentation). The Group for Education Research in Mathematics, Mathematics Department, Illinois State University.

Yuan, X. (2007). A case study of a Chinese-American student's mathematical abilities (presentation). Graduate Symposium at Illinois State University.

OTHER SCHOLARLY CONTRIBUTIONS

Reviewer of the journal *Educational Studies in Mathematics*, 2010 – 2012

Reviewer of the Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education, 2010 – 2012

Conference director assistant of the Third East Asian Regional Conference of Mathematics Education, East China Normal University, Shanghai, China, 2004 – 2005

Assistant editor of the following two books:

Sriraman, B., Cai, J., Lee, K., Fan, L., Shimuzu, Y., Lim, C. S., & Subramaniam, K. (in progress). The First Sourcebook on Asian Research in Mathematics Education: China, Korea, Singapore, Japan, Malaysia, and India. Charlotte, NC: Information Age Publishing, Inc.

Fan, L., Wong, N. Y., Cai, J., & Li, S. (2005). How Chinese learn mathematics: Perspectives from insiders (Chinese version). Jiangsu, Nanjing, China: Jiangsu Educational Publisher

PROFESSIONAL ASSOCIATIONS

National Association for Developmental Education

Association of Mathematics Teacher Educators

National Council of Teachers of Mathematics

International Group for the Psychology of Mathematics Education

North American Chapter of the International Group for the Psychology of Mathematics Education

Chinese American Educational Research and Development Association