

Asst. Prof. SİDİKA NİHAN ER

Personal Information

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Education Information

Doctorate, Ohio University, College Of Education, Mathematics Education, United States Of America 2008 - 2012

Postgraduate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 1993 - 1998

Undergraduate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Perceptions of High School Mathematics Teachers Regarding the 2005 Turkish Curriculum Reform and Its Effects on Students' Mathematical Proficiency and Their Success on National University Entrance Examinations, Ohio University, College Of Education, Mathematics Education, 2012

Postgraduate, P-Değerli Analitik Fonksiyonlar, Hacettepe University, Fen Fakültesi, Matematik, 1998

Articles Published in Other Journals

- I. **Professional development in statistics, technology, and cognitively demanding tasks: classroom implementation and obstacles**

ER S. N.

INTERNATIONAL JOURNAL OF MATHEMATICAL EDUCATION IN SCIENCE AND TECHNOLOGY, vol.43, no.2, pp.177-196, 2012 (Scopus)

Books & Book Chapters

- I. **Homeschooling meets virtual schools: Students and parent perceptions of online mathematics classes**

ER S. N.

in: Cases on formal and informal e-learning environments: Opportunities and practices, Yang H., Wang S. , Editor, Igi Global, Hershey, Pa, pp.166-184, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **QUANT participants' perspectives regarding the implementation of high-level tasks**

Foley G., ER S. N., Alsaaed M., Khoshaim H.

Proceedings of the 32nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Columbus Ohio, United States Of America, 28 - 31 October 2010, pp.942-948

II. Student and parent experience with online mathematics classes

ER S. N.

Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010, Florida, United States Of America, 18 - 22 October 2010, pp.1344-1353

Other Publications

I. Survey of practicing high school teachers' technological pedagogical content knowledge for teaching data analysis, probability, and statistics [QUANT TPACK survey]

Foley G., Johanson G., ER S. N., Regan B.

Other, pp.1-5, 2010

II. Survey of practicing high school teachers' technological pedagogical content knowledge for teaching modeling and spatial reasoning [ModSpar TPACK survey]

Foley G., Johanson G., ER S. N., Regan B.

Other, pp.1-4, 2010

Supported Projects

ER S. N., Other International Funding Programs, Advanced Teacher Capacity-ModSpar, 2010 - Continues

ER S. N., Other International Funding Programs, Advanced Teacher Capacity-QUANT, 2007 - Continues

Metrics

Publication: 6

Congress and Symposium Activities

YICER: Yildiz International Conference on Educational Research and Social Studies, Attendee, İstanbul, Turkey, 2014

Joint Mathematics Meeting of Mathematical Association of America (MAA), Attendee, Boston, Massachusetts, United States Of America, 2012

Choose Appalachian Teaching (CAT) Second Annual Research Symposium, Ohio University,, Attendee, Athens, Ohio, United States Of America, 2011

E-Learn 2010 Conference, Attendee, Orlando, Florida, United States Of America, 2010

North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA) Conference, Attendee, Columbus, Ohio, United States Of America, 2010

Choose Appalachian Teaching (CAT) First Annual Research Symposium, Ohio University,, Attendee, Athens, Ohio, United States Of America, 2010

Society for Information Technology and Teacher Education (SITE) Conference, San Diego, Attendee, San Diego, California, United States Of America, 2010

, Appalachian Association of Mathematics Teacher Educators (AAMTE) Conference, Attendee, Huntington, West Virginia, United States Of America, 2010