Publications and Presented Papers
Joseph S. Krajcik
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Journal Publications: (* designates refereed manuscripts; + designates solicited manuscripts)


**Book, handbook, and monograph chapters:** (* designates refereed chapters; + designates solicited chapters)


Books and Monographs:


Proceedings:


**Curriculum Materials:**


Software development:

Video Production:
Project-based Science: An Innovative Approach to Science Teaching. (Hydel, D., Krajcik, J., and Marx, R.)
“7th Graders Using hi-ce’s Technologies in Science Inquiry. Center for Highly-Interactive Computing in Education At UM. (Edgrin, K., Soloway, E., Krajcik, J. and Marx, R.)

Other writing endeavors:
Krajcik, J. (June, 1999) President’s Speech presented at the Annual Meeting for the National Association for Research in Science Teaching: Reflections on the Past Year. NARST NEWS, 42(2), 1-3

PROFESSIONAL PRESENTATIONS

Conference/Paper Presentation :


Krajcik, J., Hug, B., Schneider, R., Marx, R. (2002). Designing units for project based learning. In Kolodner, J. Integrating Project-Based Inquiry Initiatives into a Middle-Grades Science
Curriculum: Essentials and Challenges, Symposium conducted at the Annual Meeting of the American Educational Research Association, April 1-5, New Orleans, LA.


Schools. Symposium conducted at the American Educational Research Association conference, Montreal, Canada.


Zembal, C.M., Krajcik, J.S., Blumenfeld, P.C., & Palincsar, A. Apprenticeship pre-service elementary teachers in developing a cognitive framework for science content representation


Nakhleh, M. B. & Krajcik, J. S. (1991). The effect of level of information as presented by different technologies on students' understanding of acid, base and ph concepts. Presentation at the 64th annual meeting of the National Association for Research in Science Teaching, April 7 - 10, Lake Geneva, WI.


Association for Research in Science Teaching, 63rd Annual Meeting, March 7 - 10, 1990, Atlanta, GA.


Krajcik, J. S. (1988). Using computer simulations to enhance student learning of physical science concepts. Presentation at the National Science Teachers Association, 36th National Convention, April 7-10, St. Louis, Mo.


Invited Talks of a Substantial Nature:


Guest Lecturer: Shanghai Normal University, South China Normal University, Beijing Normal University, Academic Exchange, Lectures on the use of learning technologies and inquiry in science education, August 4 – 19, 2001.


Keynote Speaker at the Second Conference on Chemical Education, Designing Curriculum materials to support the learning of science, National Taiwan Normal University, Taipei, Taiwan 11718, March 13, 1999.

Seminar Speaker: Designing learning technologies to support science inquiry. National Taiwan Normal University, Graduate Institute of Science Education Taipei, Taiwan 11718, March 11, 1999.

Seminar Speaker: Using learning technologies to support science learning (3 hours presentation), National Kaoshiung Normal University, Kaoshiung, Taiwan, March 15, 1999.

President’s Speech at the Annual Meeting for the National Association for Research in Science Teaching: Reflections on the Past Year, Boston, MA, March, 1999.


Keynote Speaker with Juanita Clay-Chambers, Associate Superintendent of Educational Service and Eddy Green Superintendent, Detroit Public Schools at National Science Foundation Meeting on Systemic Change, Partnerships with Institutions for Higher Education, Washington, D.C., October, 1998.

Regional and State Presentations:


Krajcik, J. S. (1987). Developing skills and competence in the use of computers and technology. V. Lunetta (Chair), Toward Excellence in Teacher Education Preparation. A symposium conducted at the National Science Teacher Association, Nov. 5-7, Pittsburgh, Pennsylvania Regional Convention.


Krajcik, J. S. (1985). *Can students successfully complete college chemistry without high school chemistry?* Presentation at the Iowa Curriculum Up-Date Conference. Science Education Center, University of Iowa, July 30, Iowa City, IA.


