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Program Committee, M/SET 99, Intl. Conference on Mathematics/Science Education & Technology, San Antonio, TX, March 1-4, 1999

Ad-hoc Reviewer, 1998 – 2001, Cognition and Instruction

Ad-hoc Reviewer, Intl. Conference of the Learning Sciences (ICLS) 1998

Ad-hoc Reviewer, Intl. Conference on Computers in Education (ICCE) 1998

PUBLICATIONS

Sandoval, W. A. (in press). Conceptual and epistemic aspects of students' scientific explanations. Journal of the Learning Sciences.

Sandoval, W. A. (2001). Designing new literacies, designing new learners: Are they the same? [Review of the book Changing Minds]. Journal of Educational Computing Research, 25(2).

Reiser, B. J., Tabak, I., Sandoval, W. A., Smith, B. K., Steinmuller, F., & Leone, A. J. (2001). BGuILE: Strategic and conceptual scaffolds for scientific inquiry in biology classrooms. In S. M. Carver & D. Klahr (Eds.), Cognition and instruction: Twenty-five years of progress (pp. 263-305). Mahwah, NJ: Lawrence Erlbaum.

Sandoval, W. A., & Morrison, K. (in review). Doing science, talking science, and talking about science: High school students' ideas about theories and theory change after a biological inquiry unit.

DBRC (in review). Design-based research: an emerging paradigm for educational inquiry. Submitted as part of a special issue of Educational Researcher.

INVITED PRESENTATIONS

Sandoval, W. A. (2001). Students' uses of data as evidence in scientific explanations., Paper presented at the Annual Meeting of the American Educational Research Assn. Seattle, WA, April 10-14.

Sandoval, W. A., & Morrison, K. (2000). Effects of an inquiry curriculum on high school students' beliefs about the nature of science., Paper presented at the Annual Meeting of the American Educational Research Assn. . New Orleans, April 24-28.

Sandoval, W. A., Bell, P., Coleman, E., Enyedy, N., & Suthers, D. (2000). Designing knowledge representations for epistemic practices in science learning, Paper presented at the Annual Meeting of the American Educational Research Assn. . New Orleans, April 24-28.

Sandoval, W. A. (1999). Epistemic supports for collaborative science inquiry, Poster presentation at CSCL'99, Computer Supported Collaborative Learning Conference . Palo Alto, CA, Dec. 12-15.

Sandoval, W. A., Daniszewski, K., Spillane, J., & Reiser, B. J. (1999). Teachers' discourse strategies for supporting learning through inquiry, Paper presented at the Annual Meeting of the American Educational Research Assn. . Montreal, April 19-23.

Sandoval, W. A., & Reiser, B. J. (1998). Iterative design of a technology-supported biological inquiry curriculum, Paper presented at the Annual Meeting of the American Educational Research Assn. . San Diego, CA, April 13-17.

Sandoval, W. A., & Reiser, B. J. (1997). Evolving explanations in high school biology, Paper presented at the Annual Meeting of the American Educational Research Assn. . Chicago, IL, March 24-28.

Sandoval, W. A., Trafton, J. G., & Reiser, B. J. (1995). The effects of self-explanation on studying examples and solving problems. In Proceedings of the 17th Annual Conference of the Cognitive Science Society, Pittsburgh, PA.

Tabak, I., **Sandoval, W. A.,** Smith, B. K., Agganis, A., Baumgartner, E., & Reiser, B. J. (1995). Supporting collaborative guided inquiry in a learning environment for biology. In Proceedings of the CSCL'95.

Tabak, I., **Sandoval, W. A.,** Smith, B. K., Steinmuller, F., & Reiser, B. J. (1998). Reflection as a vehicle toward local and global understanding, Paper presented at the Annual Meeting of the American Educational Research Association . San Diego, CA, April 13-17.

Tabak, I., Smith, B. K., **Sandoval, W. A.,** Agganis, A., & Reiser, B. J. (1996, April 8-12, 1996). BGuILE: Supporting inquiry in a learning environment for biology. In Proceedings of the Annual Meeting of the AERA, New York.

Tabak, I., Smith, B. K., **Sandoval, W. A.,** & Reiser, B. J. (1996). Combining general and domain-specific support for biological inquiry. In Proceedings of the ITS'96, Montreal.