

On behalf of the REASON program at the Munich Center of the Learning Sciences (MCLS) we are happy to announce the guest lecture:



Using Inquiry Learning to Promote Revision

Prof. Dr. Marcia C. Linn
Graduate School of Education, University of California, Berkeley

Thursday, 13.06.2019, 14:00 c.t. – 16:00

Leopoldstr. 13, Room 1305 (House 3, 3rd floor)

Abstract

Revision is central to the practice of science yet challenging and often frustrating to authors. Effective revision involves integrating ideas by adding to and modifying the original argument. Motivating students to seek new ideas and question existing ideas aligns with the goals of inquiry learning. Revision requires reorganizing the connections between ideas. Students may need to conduct investigations to add or refine their ideas, test connections between ideas, or critique evidence they initially valued. Using tools such as natural language processing to diagnose the quality of a response, we have explored a range of designs for guiding revision to promote knowledge integration. Our findings attest to the challenges of revision while also offering promising directions for design of inquiry activities that engage students in productive revision.

We are welcoming everyone who is interested!

For questions and registration please contact: Sarah.Bichler@psy.lmu.de

Marcia C. Linn is Professor of Development and Cognition, specializing in science and technology in the Graduate School of Education, University of California, Berkeley. Linn earned her Ph. D. at Stanford University where she worked with Lee Cronbach. She spent a year in Geneva working with Jean Piaget, a year in Israel as a Fulbright Professor, and a year in London at University College. She has been a fellow at the Center for Advanced Study in Behavioral Sciences three times. Her books include Computers, Teachers, Peers (2000), Internet Environments for Science Education (2004), Designing Coherent Science Education (2008), WISE Science (2009), and Science Teaching and Learning: Taking Advantage of Technology to Promote Knowledge Integration (2011). She chairs the Technology, Education—Connections (TEC) series for Teachers College Press. Awards include the National Association for Research in Science Teaching Award for Lifelong Distinguished Contributions to Science Education, the American Educational Research Association Willystine Goodsell Award, and the Council of Scientific Society Presidents first award for Excellence in Educational Research.