Inquiry and Nature of Science in Precollege Classrooms Within and Across American and Swedish Contexts

MST Proseminar; October 3, 2012; 7:00–9:00 PM; 398 Education Bldg.

Guest Speakers

Jakob Gyllenpalm is lecturer in science education at the Department of Mathematics and Science Education, Stockholm University (SU), Sweden. His research has focused on the role of language in science education with a special interest in issues related to nature of science and inquiry. He has a background in physics and has taught physics and mathematics in the International Baccalaureate programme. He is presently teaching the degree project courses, which are part of the teacher education program at SU, as well as science education courses part of a combined teacher/civil engineering program at The Royal Academy of Technology (KTH). He represents Stockholm University on the board of The House of Science, a science education outreach center funded by SU and KTH.

Per-Olof Wickman is professor and director of science education at the Department of Mathematics and Science Education, Stockholm University, Sweden. His research interests focus on understanding teaching and learning processes in science education in ways that can inform teachers in transaction with students. His interest encompasses both the cognitive and value dimensions of the content taught and learnt as scientific literacy in its broadest sense. He has more than one hundred publications of which more than fifty are in peer-refereed journals. He has published books internationally and nationally, and has written chapters for handbooks within the field of science education. He sits on the editorial boards of the journals Science Education and Cultural Studies of Science Education.