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Mapping the Terrain: Developing Content & Pedagogy Meta-Data Categories for Learning Resources
Professor Michal Yerushalmy
Assistant Professor Shai Olsher

Joseph D. Moore Seminar
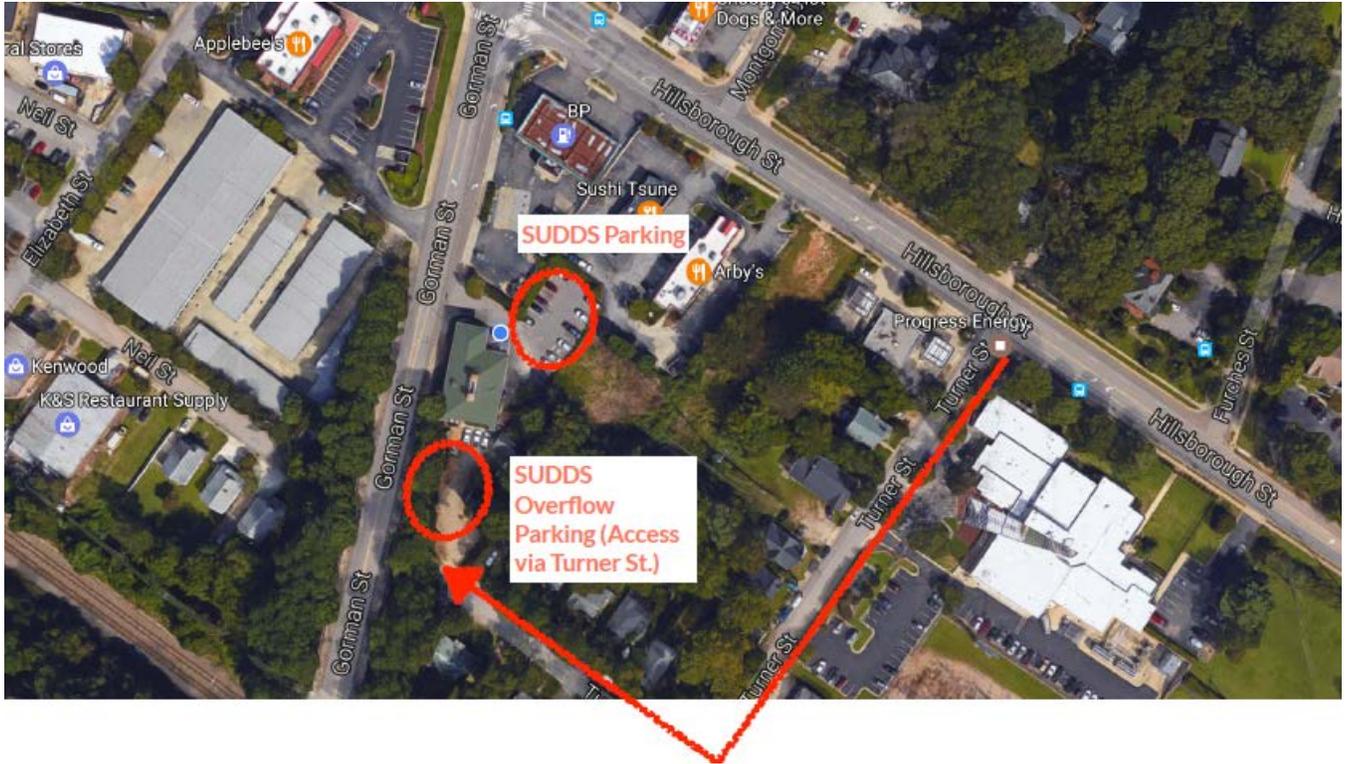Hosted by Dr. Jere Confrey

Professor Michal Yerushalmy is a faculty member in the mathematics education department at the University of Haifa. From 2011 to 2016, she served as the vice president and dean of research at the university. Professor Yerushalmy is currently the director of MERI (The Mathematics Education Research and Innovation Center) at the University of Haifa and an Academic Board Member of the LINKS I-CORE (Israeli Center of Research Excellence in the field of Learning in the Networked Society). Professor Yerushalmy is interested in learning within computerized environments. Her research focuses on the study of mathematical learning and teaching, on design and implementation of reformed curricula, and on cognitive processes involved in learning with multiple external representations, bodily interactions, and modeling. She authored "VisualMath" and leads the Math4Mobile project. Her work has been nationally and internationally awarded (the 2010 ISDDE Prize for Excellence in Educational Design, "The Israeli Presidential Conference: Facing Tomorrow 2009).

Dr. Shai Olsher is an assistant professor at the Center for Research and Development of Alternatives in Education in the Faculty of Education at the University of Haifa. He is currently the director of the STEP (Seeing the Entire Picture) platform for formative assessment in mathematics that is related to the VisualMath evolving interactive textbook, headed by Professor Yerushalmy. Dr. Olsher's teaching experience includes lecturing in an MA program in Educational Technology at the Kibbutzim College of Education and he currently serves as a pedagogic instructor in mathematics education. In the past, he served as chief screenplay writer and teacher in the Private Tutor television series intended for matriculation exams preparation. His current research deals with the potential contribution of digital assessment products in the classroom, and developing and using digital textbooks and learning environments.

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