

Including Neurodiversity in Foundational and Applied Computational Thinking (INFACT)

Dr. Israel will be organizing the planning and implementation of the metacognitive strategies built into the INFACT system. This work will involve working with the Technical Education Research Center (TERC) on the development of the support structures for students with neurodiversity within the INFACT system as well as conducting usability studies in schools in Gainesville, FL. The graduate research assistant will support project activities including metacognitive strategy material development that will be included in the INFACT system, data collection that will take place as part of usability studies, and data analysis efforts. Finally, Dr. Israel and the research assistant will support dissemination efforts including writing manuscripts for publications and blog posts and will also present research findings at education conferences (e.g., AERA, SIGCSE).