TIER-ED SPEAKER SERIES
Realizing the Promise of (STEM & non-STEM) Disciplinary Integration with Computing
Presented by
Dr. Shuchi Grover
Senior Research Scientist, Looking Glass Ventures, California

Friday, May 7
1 p.m. – 2 p.m.
Zoom link: https://tinyurl.com/TIER-EDTalk

Abstract: Drawing on a rich palette of examples from her research spanning PreK-12 as well as the field more broadly, Dr. Grover will share a suite of pedagogical strategies for meaningful integration of computing and disciplinary learning in PreK-12 CS and STEM classrooms. She will share findings, takeaways, challenges as well as an emerging framework with the goal of synthesizing the many ideas from the field on STEM+Computing integration.

Bio: Dr. Shuchi Grover (Senior Research Scientist, Looking Glass Ventures, California) is a computer scientist and learning scientist by training, who has been engaged in computer science and STEM education for school-aged children for two decades. Her recent research, most of it funded by the US National Science Foundation, is centered on advancing an understanding of STEM+Computing integration in PK-12; promoting computational thinking for neurodiverse learners, building capacity for formative assessment among CS teachers, and addressing gender equity in CS through engagement in exciting emerging topics such as cybersecurity, artificial intelligence, and IoT. She edited and co-authored the recently published CS teacher handbook, Computer Science in K-12: An A-to-Z