

## “Liminal Meanderings: Between Art, Science and Engineering”

### Gupi Ranganathan, MFA

Born and raised in India, Guhapriya (Gupi) Ranganathan had prior degrees in engineering from the National Institute of Technology, Trichy, and management from the Indian Institute of Management, Calcutta before moving to the United States in 1995. She studied art at Simmons University, and received her MFA in painting and printmaking from the Massachusetts College of Art and Design in 2008.

From 2009 to 2011, Gupi was the Broad Institute’s artist in residence. In 2017 she collaborated with the Stanley Center for Psychiatric Research to design an installation for their ten-year anniversary, and in 2018, she completed a commissioned site-specific permanent installation *Cultured Interactions: Evolving Landscape*.

Gupi has exhibited and shared her work focusing on the intersection of art and science in galleries and forums in the US, China, and India. Her work is represented in public and private collections. She currently works and lives in Wayland, Massachusetts.

#### ABSTRACT

What is the role of an artist in genomic and neurobiological research? How can an artist influence a project when brought into the transitional or initial stage?

To answer these key questions in the intersection between Art, Science and Engineering, Gupi will focus her seminar on two collaborations:

Unfolding (2009-11): As artist in residence at the Broad Institute of MIT and Harvard, Lieberman-Aiden and she worked together building on a study ([Lieberman-Aiden & Van Berkum et al., Science, 2009](#)) on the problem of genome folding. Their visual experimentations grew into a varied body of artworks that contributed to advances in the scientific community’s understanding of how the human genome folds.

Cultured Interactions (2006-2018): The discussions and questions raised during her Broad residency, and her collaboration with the Stanley Center for Psychiatric Research to design an installation for their ten-year anniversary broadened the scope of the project started at MassArt to encompass two related series: Evolving Landscape and Continuum. They focused on the problems of processing, connecting, combining, and sharing complex genomic and neurobiological information.



Friday, November 12th  
12:00 Noon

Presented From: 4142 Engineering Building III (NC State)

Videoconferenced to: 321 MacNider Hall (UNC)