SeeMore is the collaborative brainchild of an artist and a computer scientist both driven to educate viewers as to the importance of parallel computational thinking. The project was inspired by the wildly successful Raspberry Pi (RPi) – a small, fully functional computer designed at the extremely low cost of 35 USD. The resulting work showcases the elegance and significance of parallel computation to viewers while simultaneously educating and inspiring parallel computational thinking. The 256-RPi, cylindrical structure is inspired both by early parallel Cray computer designs as well as taking cues from the fluid dynamic simulations these powerful computers are regularly tasked with calculating. This project translates data movement through a living sculpture that physically represents computation as it propagates and evolves across the surface of the form.

**Participants:** Sam Blanchard, Assistant Professor of Sculpture at Virginia Tech; Kirk Cameron, Professor of Computer Science and a Research Fellow in the College of Engineering at Virginia Tech; Brandon Deaguero, School of Visual Arts (SOVA) undergraduate student at Virginia Tech working on project documentation; Katie Gehrt, Communications Director for the College of Architecture and Urban Studies (CAUS) responsible for creating a video of the whole process.

**Type:** Parallel Computing, RPi, Data Movement, Living Sculpture

**Date:** N/A