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## **Discover the ‘science of sticky’ when TapeScape-Sticky Science opens May 4 at Great Lakes Science Center**

**CLEVELAND** (April 2, 2018) – Get ready for an exhibition unlike any that Great Lakes Science Center has ever presented when TapeScape-Sticky Science opens May 4! Everyone is familiar with the unmistakable shrrrrrrriipp sound that tape makes as it’s coming off the roll, but there’s more to this everyday material than you ever imagined!

Using the humble product known as packing tape, the Science Center and designer/artist Eric Lennartson are building a two-level, 1,300-square-foot, all-ages playground entirely out of packing tape wrapped around a metal frame – a TapeScape! Lennartson harnesses the tensile strength of tape – or its ability to stretch under stress – to design unique, multisensory installations strong enough for kids and adults to climb on and explore. TapeScape is only here for a limited time, from May 4 through September 3. This special temporary exhibition is included with general admission, and does require guests to wear socks.

Lennartson, of Minnesota, has engineered TapeScape structures around the world from Australia to Dubai, but this will be his largest yet, and his first in Ohio! When completed, it will use nearly 75 miles of tape – enough to stretch from downtown Cleveland all the way to Youngstown!

Surrounding the TapeScape structure itself will be multiple hands-on exhibits exploring “Sticky Science” from adhesives to polymers and even examples of adhesion in nature. Using everything from Velcro to Oreo cookie models, and suction cups to bristle blocks, guests will discover the physical and chemical processes that contribute to “stickiness” by:

- Using a pinscreen to investigate how geckos cling to glass.
- Turning a device to compare viscosity levels in different liquids.
- Looking through a polariscope to view rainbows of stress in clear tape’s backing, and assemble a puzzle that appears clear to the naked eye.
- Observing the way Velcro's hooks mimic plant burrs, and learn how science looks to nature for innovative solutions to everyday problems.

- Pulling apart Oreo cookie models to learn about adhesion versus cohesion.
- Getting creative at a maker's station that invites guests to get their hands on more than 11 miles of duct tape in a range of colors and designs.

The exploration of tape includes opportunities to examine tape artifacts from local manufacturer ShurTech, including clothes made for their annual Duck Tape Fashion Show, and see colorful sticky note murals. A "TotScape" area will provide our youngest guests a play-place of their own, complete with their own tape structure, bristle blocks building area and a "felt to flannel" wall that will show that adhesion isn't always "sticky"!

*(Editor's note: The Science Center's normal fall/winter operating schedule is Tuesday through Saturday 10 a.m. to 5 p.m. and noon to 5 p.m. Sundays. The Science Center will be open from 10 a.m. to 5 p.m. on Monday, April 2 for special spring break hours.)*

### **About Great Lakes Science Center**

Great Lakes Science Center, home of the NASA Glenn Visitor Center, makes science, technology, engineering and math (STEM) come alive for more than 300,000 visitors a year through hundreds of hands-on exhibits, temporary exhibitions, the Cleveland Clinic DOME Theater, Steamship *William G. Mather*, daily science demonstrations, seasonal camps, and more. The Science Center is funded in part by the citizens of Cuyahoga County through Cuyahoga Arts and Culture. Visit **GreatScience.com** for more information.

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