

SCSU STEM Festival Activities
March 17, 2018, Saturday, 1-4 pm
Academic Science and Laboratory Building

	Werth Center Aquarium (1st floor)	Astronomy (SCI 323 - 3rd floor)	Why Science Matters (SCI 13 – lower level)	Using Technology to see the Invisible (SCI 210 – 2/f)	STEM Education Activities (SCI 222 – 2/f)	Nanotechnology (Lower Level)
1:00pm	Touch Tank	Astronomy Control Lab	Bumble Bees & Me (younger audience)	Computer-based data collection.		
1:30pm	Feeding	Remote observing	Why Conserve? (older audience)	High speed photography and electron microscope images.	Come and be part of the engaging activities that integrate <i>math</i> , <i>science</i> , and <i>technology</i>	What is nanotechnology? Do you know about SCSU's Center for Nanotechnology? Come and learn about the Center and all the cool things we do here...
2:00pm	Aquarium Tour	Astronomy Control Lab	Recycling Rules! (younger audience)	Short presentation given every 30 minutes.		
2:30pm	Touch Tank	Remote observing	Why Conserve? (older audience)	Related hands-on activities with a physicist for the remainder of the time. Session ends at 3:30pm.		
3:00pm	Feeding	Astronomy Control Lab	Recycling Rules! (younger audience)			
3:30pm	Aquarium Tour	Remote observing	Bumble Bees & Me (younger audience)			

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Chemistry Club (SCI 334 – 3rd floor)	Computer Science Club (1st floor)	Physics Club (Lower Level)	Math Club (2nd floor)
<p>Boric Ester Flame Instant Snow Blaze Elephants Toothpaste Bouncing Ball Production Bloodline Traffic Light</p> <p>Due to OSHA regulations, we can only take 15 students at a time in the lab. Club will run through this sequence every hour on the hour.</p>	<p>Cyber Security – Norse Attack Map</p> <p>Raspberry Pi and sensors-driven Car</p> <p>Drone Demonstrations</p> <p>Oculus Rift</p> <p>Ozobot</p>	<p>Colorful spectroscopy</p> <p>Electromagnetism</p> <p>Rotational inertia</p> <p>Low temp thermodynamics with Liquid nitrogen</p> <p>and more!</p>	<p>Quantitative Reasoning and Inquisitive Thinking!</p> <p>Come see the math puzzles and challenges we have planned for you!</p>