Care for someone with a brain disorder from ADHD to Alzheimer’s?

Magnetic Resonance Imaging (MRI) represents one of the greatest technological advances in modern medicine with its impact being comparable to the development of the x-ray. To be able to “look” inside the human body non-invasively has revolutionized our ability to diagnose disease with much less risk. MRI goes far beyond providing just anatomical images. It affords us the capability of measuring function as well. This is particularly true for diseases of the brain. The developing brain is a mind-boggling complex construction job that continues into early adulthood and beyond. But what happens if this construction job goes awry? And what happens if, after many years, this well-maintained complex structure begins to collapse? Luckily, MRI provides us with the ability to inspect the brain’s complex microarchitecture using water molecules as tiny messengers. Come join us on a random walk with a water molecule through the brain and explore what happens when things go awry.

Tuesday, January 12, 2016
6:00 p.m.
Southend Brewery
161 E Bay Street (at Queen)
Charleston, SC 29401
Food and beverage specials will be available for purchase.