

**JANET CONRAD:** My primary research interest is in neutrino physics. Neutrinos are one of the standard model particles. The thing that's interesting about neutrinos is that the standard model that we have tells us how particles are supposed to behave. And the neutrinos are not following the rules of our standard model. We don't completely understand why, but it's one of our first clues that we have had, of the particles that we really know and understand, that there must be beyond the standard model physics. So we are using that to try to look for beyond standard model physics, and that's what I love to do.