

## **Dr. Tiffany Describes the Neuron**

If we zoom in to see the cells that make up all of our brain structures, including the limbic system, we can see that they have round cell bodies with several small branches called dendrites and then a long branch called an axon. These cells are called neurons. Neurons use dendrites and axons to send and receive chemical messages. The tips of the axon send out chemical messages and the dendrites of nearby cells receive those messages. It's similar to how people communicate with each. We use our mouths to speak and our ears to receive those messages. Our voices usually convey the message between one person's mouth and another person's ears. In the case of neurons, they use chemicals to talk between each other.