**Transcript: Adding Axis Labels and Titles in SPSS**

The last skill we're going to learn in this week's lab is how to add axis labels and titles to graphs in SPSS. We're going to recreate the scatter plot that we made using these data on academic achievement and education spending in U.S. states, and this time we're going to add some nice axis labels and graph titles.

So we will navigate to “Graphs”, “Scatter/Dot...”, and select “Simple Scatter”. Once we click “Define”, we will see this window. And if you still have your window open from when we did the scatter plot before, you'll see this already filled in. If not, you can go ahead and fill in the y-axis and the x-axis by selecting the variable here and clicking the arrows.

The next thing we're going to do is go to titles and that will let us fill in our title. So I've already filled in a title here: “Public Education Spending and Teacher Salaries by State”. You want to have something that's descriptive and will let your reader know what the content of the graph is, even if they haven't seen the data set.

Once we click “Continue” and “OK”, we're going to see this graph. So you can see here that we have our title, but our axis labels are still pretty uninformative. Somebody who is looking at this wouldn't necessarily know what “dollars” means and what “pay” means.

So in order to edit our axis labels, we need to right click on a PC, or command + click on a Mac onto the graph and click “Edit”. That's going to bring up this window in which we can edit different things about our graph.

In order to add edit an axis label, you need to click on it twice, but give it a little bit of time in between the clicks. So it's not a double click. It's 2 clicks in a row and it will bring up this field where you can actually edit what the access label is. So if I delete what's there I can type in something more informative like “Average Teacher Salary” and then the units, “thousands of $”. And I can do the same thing with our y-axis label here. And that will fill in our different labels.

So there we have our graph with our nice labels and axis titles that are much more informative than the ones we had before. If we close out that window, you'll see that it will update in our output document here. So that's how you can add labels and titles to your graphs in SPSS.