

**AUGUST 2018**

## Learn To Crunch That Data With Excel

ASQ Denver is offering a full day class that will explore Excel and it's use for statistical data analysis. Learn how to make the most of this familiar tool by discovering its features and navigating its shortcomings.

Know what Excel calls the formulas you want to use for data analysis. Excel has many built in formulas, but they aren't always intuitively labeled. Learn which ones apply and what they do.

Learn to build a formula where Excel doesn't provide one. Excel doesn't have a perfect formula for all things data analysis. And Excel formulas require a certain logic or grammar to get the desired output. See how to translate a known and needed formula into Excel-speak.

Learn to use Pivot Tables to calculate statistics- means, standard deviations, frequencies, and proportions. Didn't know they could do that? Learn to interact with this powerful but potentially intimidating creature.

Learn to use the Excel Data Analysis Toolpak features. From descriptive statistics to histograms, this powerful add-

on does more than you may realize.

Joining us again is Dr Julia Sharp as instructor. Dr Sharp taught our Introductory Statistics Overview class last November. The idea for this class came from her many examples of Excel formulas and applications in the previous course's material.

An Associate Professor of Applied Statistics in the Department of Statistics at Colorado State University, Dr Sharp has more than twelve years of experience working with data collection, management, and analyses across a variety of disciplines, including horticulture, food science and nutrition, computer science, biological sciences, and engineering. Dr. Sharp is a trained applied statistician, with expertise in the areas of experimental design and analysis, longitudinal data analyses, and generalized linear mixed models.

The class is scheduled for Saturday, September 29th at Red Rocks Community College. The cost is \$50 and includes lunch, snacks and class material. See our website for more details

## Recertify Better

Did you get that scrap of paper from the meeting two-and-a-half years ago? How many RUs can you get for a local section meeting? Are you sure you can earn credits for employment and being an ASQ member? Stop wondering and start knowing. Start an Online Recertification Journal now.

What? The Online Recertification Journal is a place for you to store documentation of the RUs (Recertification Units) you have earned. You can upload them as you earn them. You can submit the journal online once you have reached 18 credits and you are within 6 months of your recertification date.

Why? You can store your documentation digitally as you go. You don't have to guess what activities count or how much they are worth. The journal has a list of activities for

which you may earn RUs, along with how many credits you can earn for each activity. You submit the journal online. That's right, no postage, no sending it to the local chair. You can track the progress of your submitted journal. Best of all, once your journal is accepted, you no longer need to retain hard copies of your documentation. Goodbye, recertification scrapbook!

How? Go to ASQ.org and log in. You probably already did this while setting up your myASQ account. Under the "What do you want to do?" menu, click on the "Certifications" link. On the Certification page, click the "recertification" tab. Look for "My Recertification Journal" on the right, below the welcome greeting.

Starting January 1, 2019, ASQ Denver Section members will need to recertify online through ASQ.org. The Recertification Chair will no longer be a supported function of ASQ Denver.

Look for more information about these and other great events on our website: [www.asq1300.org](http://www.asq1300.org).