

The CEHS Office of Research Services

2018 Fall – Schedule

Open to CEHS Faculty and Graduate Students

Fridays 10:00 am - noon in EDUC 454*

RSVP
For all
Workshops

No RSVP
For Drop-in
Laptop Labs

	Date	Topic
September	7	Drop-in Laptop Lab – Statistical Software Help
	14	Stat Studio Workshop: Effect Size & Power (GPower)
	21	DSDU Workshop: Participant Recruitment and Data Capture (Mturk, SONA, & REDCap)
	28	New Faculty Orientation
October	5	Stat Studio Workshop: MPlus for the Rest of Us (*EDUC 170E)
	12	Drop-in Laptop Lab – Statistical Software Help
	19	Fall Break
	26	Stat Studio Workshop: Good Graphics
November	2	DSDU Workshop: Participant Recruitment and Data Capture (Mturk, SONA, & REDCap)
	9	Drop-in Laptop Lab – Statistical Software Help
	16	Stat Studio Workshop: Missing Data & Multiple Imputation
	23	Thanksgiving Break
	30	Drop-in Laptop Lab – Statistical Software Help

RSVP & details at: <http://www.cehs.usu.edu/research>

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and HUMAN SERVICES
UtahStateUniversity

Statistical
Consulting
Studio
design - analyze - interpret

Data Science &
Discovery Unit
Data-driven discovery for the
Clinical, Educational, Behavioral, and Health Sciences

The CEHS Office of Research Services and the Statistical Consulting Studio bring you the

Stat Studio Workshop Series

Statistical Methods for Addressing Common Quantitative Issues

Open to CEHS Faculty and Graduate Students

Select Fridays 10:00 am - noon in EDUC 454*

Date	Topic
September 14 <i>Sarah Schwartz</i>	<p><u>Effect Sizes and Power Analysis with GPower</u></p> <p>Review effect size measures for various types of study designs and learn how to report them appropriately, including converting between various measures. We will also cover power analysis and learn to use the free G*Power software.</p>
October 5 <i>Morgan Kawamura</i>	<p><u>Mplus, for the Rest of Us</u></p> <p>Mplus is a powerful software package that focuses on latent variables. In this workshop, we will walk you through how to prepare/import data, write a script/input files, and interpret output for such analyses as CFA, EFA, and SEM - held in the computer lab.</p> <p>* Special location: EDUC 170 E (Computer Lab)</p>
October 26 <i>Sarah Schwartz</i>	<p><u>Powerful Publishable Plots: The Grammar of Graphics</u></p> <p>This session will focus on the Grammar of Graphics, rather than any specific software package. Much of the material covered will come directly from Jurgen Symanzik, who is not only a USU professor of Statistics, but a world renowned specialist in visualization and graphics. This class will focus on what makes good graphics good and what to avoid to make more powerful plots.</p>
November 16 <i>Sarah Schwartz</i>	<p><u>Missing Data and Multiple Imputations</u></p> <p>Missing data can have major implications in any analysis. This workshop will help the applied researcher to analyze the extent and patterns of missing data (MAR, MCAR, MNAR), and to decide how to address this challenge. Most of the workshop will focus on one common but powerful solution to missing data: multiple imputation. This technique has advantages over many other approaches, which will be discussed. Due to additional cost for the SPSS missing data module, implementation will be demonstrated in R.</p>

RSVP
Seating
limited

[For more information and to register.](#)
(ZOOM available for distance attendees)
please visit the [Workshop Series](#) page at:

www.cehs.usu.edu/statstudio

Statistical
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The CEHS Office of Research Services and the Data Science & Discovery Unit bring you the

DSDU Fall Workshop

Participant Recruitment and Data Capture Tools

Open to CEHS Faculty and Graduate Students

10:00 am - noon in EDUC 454

Dates	Topic
September 21 & November 2	<p data-bbox="435 989 1414 1041"><u>Participant Recruitment and Data Capture</u></p> <p data-bbox="435 1104 1414 1251">This workshop introduces MTurk and SONA as participant recruitment tools, including how to set up an account, using prescreening, and how to use other useful features. The workshop will also cover ways that REDCap can help in collecting the data from the recruited participants.</p> <p data-bbox="505 1278 1344 1314">* No prior experience with MTurk, SONA, or REDCap is necessary.</p>

*For more information and to **register**,*
(ZOOM available for distance attendees),
please visit the Workshop Series page at:

www.cehs.usu.edu/statstudio



The CEHS Office of Research Services and the Statistical Consulting Studio bring you the

Statistical Software Drop-in Laptop Lab

Help with Statistical Tools for Quantitative Analysis

Open to CEHS Faculty and Graduate Students

Fridays 10:00 am - noon in EDUC 454

September: 7th

October: 12th

November: 9th & 30th

R, SPSS, MPlus, GPower

Bring your laptop and questions about using specific software, including, but not limited to:

Installation, orientation, & workflow
Importing & wrangling data
Summary tables & graphics
Running Analyses
Tabulation & visualization of results

Note: For more focused help on specific projects,
please schedule an individual consultation

No tutoring for course work

[For more information](#)

(ZOOM available for distance attendees)
please visit the **[Workshop Series](#)** page at:

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Laptop Labs

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