

## **Research Methods Training Series: Wisconsin Technical College System**

**May 8, 2019**

**10:10 a.m.–12:30 p.m. CT**

**Moraine Park Technical College**

**235 N. National Ave.**

**Fond du Lac, Wisconsin**

### **Agenda**

- 10:10–10:15 a.m.**                    **Welcome and Introductions**
- 10:15–10:20 a.m.**                    **REL Midwest and Workshop Series**  
*Dr. Bradley will introduce co-presenter Sarah Kelley, data scientist from the American Institutes for Research. Dr. Bradley will provide an overview of REL Midwest and share the sequence of meetings and topics to be covered during the training series and discuss the goals of the day's meeting.*
- 10:20–10:45 a.m.**                    **Report Writing Considerations**  
*Dr. Bradley will give a presentation highlighting considerations for writing research reports and adapting reports for different audiences. She will discuss the use of statistical language, writing with clarity, and determining what approach to report writing might be the best fit for an audience.*
- 10:45–11:00 a.m.**                    **Introducing Data Visualization Concepts**  
*Ms. Kelley will provide an overview of data visualization concepts and data visualization platforms. She will discuss best practices in selecting a data visualization method (such as bar charts or pie charts).*
- 11:00–11:15 a.m.**                    **Activity: Selecting a Data Visualization Method**  
*In small groups, participants will discuss several sample scenarios and select the appropriate data visualization technique. They will share out their selections and reasoning behind the selection.*
- 11:15–11:25 a.m.**                    **Break**

**11:25–11:45 a.m.**

**Learning Tableau**

*Ms. Kelley will provide an introductory tutorial in using Tableau to create graphical representations of data. She will discuss the uses of the Tableau platform and when other platforms might be considered.*

**11:45 a.m.–12:20 p.m.**

**Activity: Test Run Tableau**

*Participants will preregister for the Tableau free trial to participate in this activity. Ms. Kelley will provide a sample data set and walk participants through creating several different data representations using the software. REL Midwest staff will circulate through the audience to assist with the activity.*

**12:20–12:25 p.m.**

**Questions and Answers**

*Ms. Kelley will respond to participant questions about using Tableau and other data visualization methods.*

**12:25–12:30 p.m.**

**Closing**

*Dr. Bradley and Ms. Kelley will close the session, and participants will complete a closing survey.*