

2024 ASA Traveling Course: From R Markdown to Quarto

The NIC-ASA invites you to attend a full day Traveling Course on *From R Markdown to Quarto* on **Friday May 17, 2024**. The course will be offered as both an **in-person and virtual event**. Please see below to find more information about the course. We will send out additional information to all those who register.

American Statistical Association 2024 Council of Chapters Traveling Course

Organized by : Northeastern Illinois Chapter

Course Title: From R Markdown to Quarto

Instructor: Course prepared by Andrew Bray, UC Berkeley, and Mine Çetinkaya-Rundel, Duke University and RStudio. Dr. Bray will be the instructor presenting the course.

Date and Time: May 17, 2024, 8:00 am – 4:30 pm

Location:

- In-Person: Astellas Pharma Global Development Inc. (2375 Waterview Drive, Northbrook, IL 60062).
- Virtual: Zoom Meeting (link will be provided prior to the event)

Registration Fee:

- **Early Registration (~April 19, 2024):** \$45 for In-person and \$35 for Virtual
- **Regular Registration (April 20~May 10, 2024):** \$50 for In-person and \$40 for Virtual
- **Late Registration (May 11~May 17, 2024):** \$40 for Virtual only
- **Registration Link:** <https://www.eventbrite.com/e/2024-asa-traveling-course-from-r-markdown-to-quarto-tickets-866924172537>

About the Instructor:



Andrew Bray is an Associate Teaching Professor in the Department of Statistics at UC Berkeley where he develops and teaches courses in statistics and data science. His research interests include statistical computing, data privacy, and applications of statistical models to environmental science. He is one of the authors of the *infer* R package for resampling based inference and an enthusiastic user of all things R Markdown / Quarto.

Course Description: This workshop is designed for those who want to take their R Markdown skills and expertise and apply them in Quarto, the next generation of R Markdown. Quarto is an open-source scientific and technical publishing system that offers multilingual programming language support to create dynamic and static documents, books, presentations, blogs, and other online resources. In this workshop you will learn how to apply your reproducible authoring skills to the Quarto format and learn about new tools and workflows for authoring with Quarto in RStudio. You will learn to create static documents as well as slide presentations. The workshop will also introduce you to Quarto projects which you can use to build websites and write blogs and books. Finally, you will learn various ways to deploy

and publish your Quarto projects on the web.

See below for the structure of the course.

Time	Activity	Description
8:00 am - 8:20 am	Arrival & Snacks	Coffee and light breakfast will be provided
8:20 am - 8:30 am	Welcome	Introduction: Instructor and Description of the Course
8:30 am - 10:15 am	Module 1	Hello Quarto - An introduction to Quarto
10:15 am - 10:30 am	Break	
10:30 am - 12:15 pm	Module 2	Use Quarto to create static documents
12:15 pm - 1:00 pm	Lunch	Box-Lunch will be provided in the conference room
1:00 pm - 2:45 pm	Module 3	Use Quarto to create slide presentation
2:45 pm - 3:00 pm	Break	
3:00 pm - 4:25 pm	Module 4	Quarto projects to build websites/blogs/books, deploy and publish projects on the we
4:25 pm - 4:30 pm	Wrap-Up	

Jung Wook Park
Astellas Pharma Global Development
