

# Shiny App Development

**Date:** Monday, 2 December 2019

**Time:** 9am – 5pm

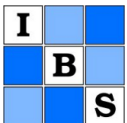
**Location:** University of Adelaide, Waite Campus, Biometry Hub Meeting Room 204, Waite Main Building

**Cost:** AU\$200 (IBS Member), AU\$250 (Non-member), AU\$100 (Concession)

**URL:** <https://ausbiometric2019.org/workshops/>

Shiny is a tool purpose-built for the R programming language that makes it quick and easy to create interactive web applications for data exploration. By leveraging the full power of R, apps can quickly be prototyped from your existing scripts with very little additional overhead.

In this short course, we will approach Shiny from a beginner's perspective, walking through the basics of how a Shiny application works and how to build one. Towards the conclusion of the workshop, we will discuss methods for publishing and distributing applications, as well as more advanced techniques for building Shiny programs in a future-proof and maintainable fashion. A basic level of R knowledge is assumed.



International Biometrics Society Australasian Region Conference, 3-6 December 2019

**Peter Kasprzak** was awarded a BMathSci (Honours) from The University of Adelaide (UofA) in 2017 and is currently completing his MPhil in Biometry at UofA, Waite campus. His MPhil research explores design-based aspects of field sampling. As a biometrician in UofA's Biometry Hub, Peter also consults for the grains industry and collaborates with plant scientists and agronomists on the use of drones and other technologies in field data collection.



**Dr Kathy Ruggiero** is a visiting research fellow at the Biometry Hub in the School of Agriculture, Food & Wine, University of Adelaide. She is a Senior Lecturer and Senior Statistical Consultant in the Department of Statistics at the University of Auckland, New Zealand. She has experience writing her own R packages, and in creating Shiny apps to interface with these.

