

# Natural and Social Sciences Division

## J-term 2019 Course

CARTHAGE  
COLLEGE

## Using R to Visualize, Analyze, and Communicate for Biologists

### BIO/CSC 200U



M–F: 12:00 PM – 1:00 PM

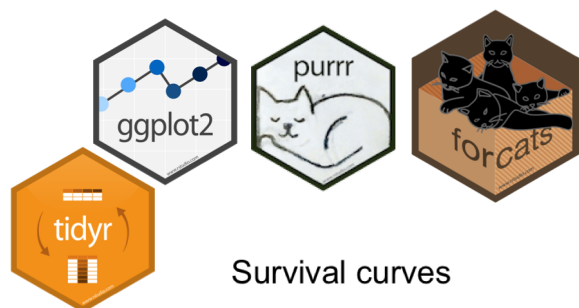
New data is collected at a colossal rate every day ( $2.5 \times 10^{15}$  GB per data)!

Think of a career position. They need data scientists, which is why data scientists have been ranked as the number 1 job in U.S.A. from 2016 – 2018.

This course is designed to provide you with a strong foundation in using R to visualize, analyze, and communicate science. You will learn important tools for data visualization, linear/non-linear regression, and model discrimination using example datasets from a wide range of topics; biology, chemistry, physics, pop culture, sports, history, and more.

You will analyze datasets of your choice and make exciting publishable quality figures!

Contact course director, John Egner at [jegner77@gmail.com](mailto:jegner77@gmail.com) for more information.



Survival curves

