



Evolution of Data in the Classroom: From Data to
Data Science
July 14-19, 2019
College of William and Mary
Williamsburg, VA

Application deadline: May 5
Application information: <http://bit.ly/SW19Apply>

Data science is an emerging field that is developing practices to manage the burgeoning access to data and powerful analytic tools. Importantly, data science has been identified as a way to reach a more diverse set of students by addressing socially relevant problems, while acknowledging the ethical and social impacts of scientific work. In this workshop we will explore how to build on the ways data is currently used in classrooms to introduce students to appropriate data science practices.

Participants will work with colleagues to develop and adapt teaching materials that use data and quantitative skills to engage students with meaningful biological problems. We will consider which aspects of data science are most relevant to biology education, and how to incorporate these ideas in the existing curriculum with effective pedagogies.

The summer workshop is appropriate for 2-year and 4-year faculty teaching all levels of undergraduate biology, quantitative biology, and life science-oriented mathematics, and future faculty. We also welcome high school teachers teaching AP or advanced biology. We encourage teams from a single institution or partner institutions to apply, especially interdisciplinary teams and teams combining part time and full time faculty.

We are pleased to announce that the NSF sponsored QUBES project is providing participant support funds to defray the cost of participation this year.

For more information, visit: <https://qubeshub.org/community/groups/summer2019>

