

Conversations on Diversity and Data

Session 4 of a 4 Part Seminar Series



Topic: Online Tools Useful For Remote Teaching & Learning

Panelists will discuss their experience using, creating, and promoting online educational materials

Date and Time: March 25, 2021 at 1pm US Eastern

Registration: Open to anyone interested in this topic

Register [HERE](#) to receive the Zoom link

Invited Panelists:



Emelia Obodum Kusi is a Master's Biology student at Virginia Commonwealth University where she uses ecological niche models to study the effect of climate, host plant and natural enemies (parasitoid) on the distribution of insect pests; particularly the tobacco hornworm (*Manduca sexta*) and tomato hornworm (*M. quinquemaculata*). Emelia is excited to share her experience from online training and with open-source tools as a way to create career pathways that have traditionally been exclusive.



Cayelan Carey is an Associate Professor of Biological Sciences at Virginia Tech. Cayelan's research involves interdisciplinary, collaborative teams to study nutrient and carbon cycling in lakes and implications for water quality of water resources. Cayelan leads the NSF-funded Macrosystems EDDIE project which creates flexible modules that introduce undergraduate students to the core concepts of macrosystems ecology and ecological forecasting.



Sam Donovan is a Science Educator in the Department of Biological Sciences at the University of Pittsburgh. He is active in a variety of national undergraduate biology education reform projects including the BioQUEST Curriculum Consortium and QUBES: Quantitative Undergraduate Biology Education and Synthesis. Both projects are exploring new models for engaging faculty in professional activities aimed at improving biology teaching and learning. The use of Open Education Resources publishing and open source software for doing science play a central role in these activities. QUBEShub.org provides a platform for projects and individuals to find, adapt, and share teaching resources and participate in on-line communities of reform minded educators.