

Omics in the Anthropocene: the use of molecular tools to address anthropogenic concerns

Date 27th September
(Fri.)

Time 16:00 (UTC+8)

Venue 3N-01 & Zoom



You can also email us to request the Zoom link
(check SBS website → NEWS & EVENTS)

As we progress through the Anthropocene Epoch, human-caused environmental changes continually impact the natural world. Some of the largest changes occur through land-use change or the development and improper disposal of pollutants. My past work across two systems investigated the potential implications and future consequences of these anthropogenic changes. Through this talk, I aim to present some bite-sized examples of the ways I used ‘omics used to address questions related to both population genetics and ecotoxicology. I will also introduce my work in the Sin lab here at HKU addressing the evolutionary genomics of coloration in different species of birds.



[Miranda Wade](#) received her B.S. in Biological Science from Colorado State University and her dual PhD in Integrative Biology and Ecology, Evolutionary Biology, and Behavior from Michigan State University. During her time in [the Meek Lab](#) at MSU, her work consisted of using ‘omics to address various conservation questions in both a rare desert place facing land-use change and the molecular consequences of microplastics exposure in a model fish species. She is currently the Social Media Editor for the American Genetic Association and a PostDoc in the [Sin Lab](#) at the University of Hong Kong. For her postdoctoral work, she is exploring the genomic basis of coloration in birds.