



Genome Sciences Seminar

Wednesday, 4.14.21 | 3:30 | held remotely

<https://depts.washington.edu/gstrestrc/remote.htm>



Dr. Edward Buckler

USDA-ARS Research Geneticist

Adjunct Professor, Cornell University

“How can transferable biology and breeding contribute to improving food systems and climate change?”

Edward S. Buckler is a USDA-ARS Research Geneticist and adjunct professor in Plant Breeding and Genetics at Cornell University with an educational background in molecular evolution and archaeology. His group's research uses genomic, computational, and field approaches to dissect complex traits and accelerate breeding in maize, sorghum, cassava, and a wide range of other crops. With these technologies applied to over 2000 species, now the Buckler group focuses on exploring ways to re-engineer global agricultural production systems to ensure food security, improve nutrition, and respond to climate change. With the USDA-ARS, he leads an informatics and genomics platform to help accelerate breeding for specialty crops and animals. His contributions to quantitative genetics and genomics were recognized with election to the US National Academy of Sciences and as recipient of the inaugural NAS Food and Agriculture Award.

<https://www.maizegenetics.net/>

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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