

# Charlie Messina

**Professor at University of Florida**

Gainesville, FL, US

Charlie Messina has expertise about crop modeling and plant breeding.

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## Biography

Charlie Messina is a professor of predictive breeding in the Department of Horticultural Sciences. Charlie works with breeders to improve the nutritional value of Florida produce and to reimagine agriculture as a solution to climate change. He also specializes in developing AI for plant breeding, which he believes will enable society to harmonize crop improvement efforts for regenerative agricultural systems that improve human health, nutrient security and adaptation to climate change.

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## Areas of Expertise

Climate Change, Artificial Intelligence, Symbolic Artificial Intelligence, Plant Breeding, Maize, Drought, Crop Systems, Crop Physiology, Crop Modeling, Crop Improvement, Agriculture

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