

Dr. Jeffrey Seale, Ag Environmental Strategy Lead & Associate Science Fellow, Bayer Crop Science



Dr. Jeffrey Seale is the Environmental Strategy Lead and an Associate Science Fellow at Bayer Crop Science. Having worked in the fields of biochemistry and protein science for more than 25 years, Dr. Seale’s mission is to help eliminate poverty through the application of science and technology.

At Bayer, Dr. Seale is a recognized technical leader in the application of protein science and cell biology to foster crop improvement. He is currently leading efforts to tackle climate change through technical solutions to reduce greenhouse gas emissions from agriculture. During his time with the company, he has led teams of up to 45 scientists in supporting research and development within the product pipeline from discovery to commercial launch, driven the creation of a Cambridge, Massachusetts research center and innovation hub dedicated to high throughput protein optimization, and has been awarded 4 U.S. patents. He is the author of 9 peer-reviewed publications and 2 book chapters.

Dr. Seale has previously served as the Missouri Second Congressional District Lead for the ONE Campaign, responsible for coordinating activities in support of the organization’s goals of eliminating extreme poverty. He has advocacy experience with Senate and House staff on Capitol Hill, and led local efforts to help pass the Electrify Africa Act of 2015 into law. He also sits on the Scientific Advisory Board for the Soil Health Partnership.

Dr. Seale attended Texas Tech University, where he received his PhD and BA in biochemistry-