

Brief Introduction

(As of 8-1-2021)

Positions

- George Lynn Cross Research Professor and Presidential Professor in the Department of Microbiology and Plant Biology, School of Civil Engineering and Environmental Sciences,
- Director for the Institute for Environmental Genomics, University of Oklahoma, Norman, OK.

Awards

- The 2019 ASM Award for Environmental Research - *for recognizing an outstanding scientist with distinguished research achievements in microbial ecology and environmental microbiology.*
- Ernest Orlando Lawrence Award in 2014 – DOE's scientific award established by President Dwight Eisenhower in 1959
- R&D 100 Award in 2009, *as one of 100 most innovative scientific and technological breakthroughs in 2009*
- Federal Laboratory Consortium (Southeast) Award for Excellence in Technology Transfer, 2005
- Presidential Early Career Award for Scientists and Engineers in 2001

Publications

- > 500 peer reviewed research articles
- >150 in Nature indexed journals and other prestigious journals,
- Total citations of > 53,000, H-index of 122 based on Google Scholar

Scientific Impacts

- 2020 World's most cited researcher (99.9% percentile) across all science & engineering fields among >7M scientists, ranked at top 75 of >55K environmental scientists worldwide.
- 2018, 2019, 2020, Global Highly Cited Researcher (top 0.1%) in Cross Field, fewer than 6,200 scholars across 21 research fields worldwide
- Most highly cited researcher (H-index > 100) according to Google Scholar Citations, less than 4,800 researchers in total worldwide.

Editors

- Co Editor-in-Chief for mLife
- Senior Editor for ISME J, *primer journal in microbial ecology*
- Associate Editor for Microbiome
- A former Senior Editor for mBio for 10 years, *ASM flagship journal*
- A former Editor for Applied and Environmental Microbiology for 10 years.

Fellows

- American Academy of Microbiology (AAM)
- Ecological Society of America (ESA)
- International Water Association (IWA)
- American Association for the Advancement of Science (AAAS).