**Bio:**

AGT received his B.S. with Honors and M.S. in 2003 from the University of Chicago studying the synthesis and reactivity of low-coordinate nickel complexes. He then received his Ph.D. from MIT in 2008 for the fluorescent detection and inorganic redox reactivity involving reactive nitrogen species. From 2008–2010, he studied the electrochemical properties of NHC-supported complexes as a postdoctoral fellow at UT Austin. AGT began his independent career at Clemson in 2010, and was tenured/promoted to Associate Professor in 2017. From 2020–2021, he also held the role of NRC Senior Research Fellow at the US Air Force Academy, before returning to Clemson in 2022. His research group focuses on two areas: (1) the application of redox catalysis to the treatment of oxidative stress-derived diseases and (2) the development of sustainable materials derived from agricultural and industrial wastes which possess superior properties to conventional construction materials.

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