

# Boeing Distinguished Professorship in Science/Math Education



**Brian H. Clowers**

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## BRIAN H. CLOWERS

Associate Professor  
Department of Chemistry

A recognized leader in the field of ion mobility spectrometry, Brian Clowers (PhD '05, chemistry) conducts cutting-edge research to solve a range of chemical problems across diverse areas, including national security, environmental analysis, pharmaceutical sciences, and bioanalytical chemistry.

He combines technical ability, practical experience, and analytical thought with a genuine enthusiasm for science that is also evident in his teaching.

Winner of the College of Arts and Sciences Early Career Achievement Award in 2015, Clowers works at the intersection of chemistry, mathematics, and technology to enhance understanding of complex chemical systems. He has assembled a highly effective research team at WSU focused on the detection of molecules at trace levels, and his contributions to advancing the tools and methods used in scientific discovery have made ion mobility spectrometry more accessible to students and scientists across the globe.

With an exceptional scholarly record and three licensed patents based on his work, his research funding to date at WSU totals more than \$4 million, including a \$1 million grant from the Defense Threat Reduction Agency and separate support from the NIH and NSF.

Clowers successfully balances building his research enterprise, collaborating to obtain external funding, and providing top-quality education. His energetic student engagement and active participation in University activities demonstrate his commitment to the learning process and to the institution.



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