



Glen P. Jackson, Ph.D., FAAFS, FRSC

Ming Hsieh (Shay) Distinguished Professor of
Forensic and Investigative Science

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Background

Dr. Jackson joined the faculty of WVU in the fall of 2012 as a Ming Hsieh Distinguished Professor of Forensic and Investigative Science. He also holds a joint appointment in the C. Eugene Bennett Department of Chemistry and an adjunct position in the Department of Biology.

Dr. Jackson earned a BS (Hons) degree in Chemical and Analytical Science from the University of Wales Swansea (UK), an MS degree in Analytical Chemistry from Ohio University (OHIO), and a PhD in Analytical Chemistry from West Virginia University (WVU). He completed a 2-year postdoc at Oak Ridge National Laboratory (ORNL) before joining the chemistry faculty at Ohio University in 2004. He was the Director of the FEPAC-accredited Forensic Chemistry Program at Ohio University from 2009-12 where he received an NSF CAREER Award, a distinguished public speaking award and a transformative faculty award before his return to WVU in 2012.

Research Interests

Dr. Jackson's research includes mass spectrometry instrumentation development, forensic and biological applications of mass spectrometry and forensic applications of isotope ratio mass spectrometry. Forensic-related research has included chemical analysis of human hair, seized drug analyses, ignitable liquid residue analyses, explosives analyses and synthetic cannabinoid analyses. His group's research has appeared in ~80 [publications](#), ~180 conference and university presentations and three issued patents. As a PI or Co-PI at OHIO and WVU, Dr. Jackson has helped secure more than \$5M in state and federal funding. More information on the Jackson group can be found on his group's [website](#). (<https://glenjackson.faculty.wvu.edu/>):

Additional Information

Dr. Jackson is the Co-Founder and Co-Editor-In-Chief of the Elsevier Journal, [Forensic Chemistry](#), which published its first volume in the summer of 2016. From 2014-17, he served a three-year term on the NIST OSAC subcommittee on Seized Drugs. Dr. Jackson has chaired several committees and conferences related to forensic science, including the Forensic and Security Interest Group for American Society for Mass Spectrometry ([ASMS](#)), the ASMS Ion trap Interest Group, the 2015 [Sanibel Conference](#) on Forensic and Security Applications of Mass Spectrometry and [SciX Conference 2015](#). He currently serves as Secretary of the Executive Committee and Governing Board of the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS).

He has taught numerous workshops to practicing forensic professionals and is an active forensic chemistry consultant. He has appeared on Nancy Grace Live, and his published research on trace human remains once formed a story line in Law and Order SVU (Season 10, Episode 21, "[Liberties](#)").