

Dr. Richard A. Yost

Richard A. Yost, University Professor and Head, Analytical Chemistry, University of Florida, <https://yost.chem.ufl.edu/>
Director, Southeast Center for Integrated Metabolomics (SECIM) | www.SECIM.ufl.edu.
Director, NIH Metabolomics Consortium Coordinating Center (M3C), <https://metabolomics.info/>
Fellow, National Academy of Inventors, <http://www.academyofinventors.org/>



Bio Sketch: Dr. Yost is the University Professor and Head of Analytical Chemistry at the University of Florida. He is recognized internationally as a leader in the field of analytical chemistry, particularly tandem mass spectrometry (MS/MS). He is perhaps best known as the co-inventor (along with Chris Enke) of the triple quadrupole mass spectrometer, which revolutionized MS/MS and has annual sales of over a billion dollars. Dr. Yost received his BS degree in Chemistry in 1974 from the University of Arizona, having performed undergraduate research in chromatography with Professor Mike Burke and his PhD degree in Analytical Chemistry in 1979 from Michigan State University, having performed graduate research with Professor Chris Enke. He then joined the faculty of the University of Florida.

Dr. Yost's professional activities have focused on research and teaching in analytical mass spectrometry and metabolomics. His group's research has reflected a unique balance between instrumentation development, fundamental studies, and applications. His group has led in the application of novel mass spectrometric methods and techniques to areas such as metabolomics, clinical, biomedical, pharmaceutical, environmental, petrochemical, and forensic chemistry. Dr. Yost has supervised the research of over 120 graduate students during the past 43 years, graduating over 100 PhDs from his group. He has served as PI or Co-PI on grants totaling over \$65M of funding. Research in the group has led to over 235 publications and 25 patents. Dr. Yost recently completed terms on the Florida Board of Governors (Regents) and the University of Florida Board of Trustees.

Dr. Yost directs the Southeast Center for Integrated Metabolomics (SECIM) as well as NIH's nationwide Metabolomics Consortium. He is also a Professor of Pathology at both the University of Florida and the University of Utah/ARUP. His research has been recognized with the 1993 ASMS John Fenn Award for Distinguished Contribution in Mass Spectrometry, the 2018 MSACL Award for Distinguished Contribution to Clinical Mass Spectrometry, the 2019 CPSA Distinguished Analytical Scientist Award, the 2019 Florida Academy of Sciences Medal, the 2021 Pittsburgh Analytical Chemistry Award, and will receive the 2023 Award for Outstanding Contributions to Biomolecular Technologies from ABRF. He has also received the Distinguished Eagle Scout Award. Dr. Yost was inducted into the Florida Inventors Hall of Fame in 2019 and was named a Fellow of the National Academy of Inventors in 2021. He currently serves as Past President of the American Society for Mass Spectrometry (ASMS).