

Biography

David C. Muddiman is the Jacob and Betty Belin Distinguished Professor of Chemistry and Director, Molecular Education, Technology and Research Innovation Center (METRIC) at North Carolina State University in Raleigh, NC. Prior to moving his research group to North Carolina State University in 2006, David was a Professor of Biochemistry and Molecular Biology and Founder and Director of the Proteomics Research Center at the Mayo Clinic College of Medicine in Rochester, MN. Prior to this appointment, David was an Associate Professor of Chemistry at Virginia Commonwealth University. It was there that he began his professional career as an assistant professor with an adjunct appointment in the Department of Biochemistry and Molecular Biophysics and as a member of the Massey Cancer Center in 1997. These academic appointments were preceded by a postdoctoral fellowship at Pacific Northwest National Laboratory in the Environmental Molecular Sciences Laboratory under Richard D. Smith from 1995-1997. David was born in Long Beach, CA in 1967 but spent most of his formative years in a small town in Pennsylvania. David received his B.S. in chemistry from Gannon University (Erie, PA) in 1990 and his Ph.D. in Analytical Chemistry from the University of Pittsburgh in 1995 under the auspices of David M. Hercules. Dr. Muddiman is Editor of *Analytical and Biological Chemistry* as well as on the Editorial Advisory Board of *Molecular and Cellular Proteomics*, *Rapid Communications in Mass Spectrometry*, and the *Journal of Chromatography B*. He also serves on the advisory board of the NIH Funded Complex Carbohydrate Research Center, University of Georgia and the Yale/NIDA Neuroproteomics Center, Yale University. Dr. Muddiman has served as a member of the ASMS Board of Directors and Treasurer of United States Human Proteome Organization (US HUPO); he was also the President of US HUPO. His group has presented over 625 invited lectures and presentations at national and international meetings including 30 plenary/keynote lectures. His group has published over 285 peer-reviewed papers and has received six US patents. He is the recipient of the 2016 Graduate School Outstanding Graduate Faculty Mentor Award in the Mathematical, Physical Sciences, and Engineering, 2015 ACS Award in Chemical Instrumentation, 2010 Biemann Medal (American Society for Mass Spectrometry), 2009 NCSU Alumni Outstanding Research Award, the 2004 ACS Arthur F. Findeis Award, the 1999 American Society for Mass Spectrometry Research Award, and the 1990-1991 Safford Award for Excellence in Teaching (University of Pittsburgh). Dr. Muddiman's research is at the intersection of innovative mass spectrometry technologies, systems biology, environmental science, and model organisms to understand human health and disease, and is funded by the National Institutes of Health and the National Science Foundation.

His personal interests include playing ice hockey, cycling, hiking, restoring sports cars, and spending time with family.