

Benjamin Garcia, PhD: Dr. Benjamin A. Garcia received his B.S. in Chemistry from UC Davis in 2000, where he was an undergraduate researcher with Prof. Carlito Lebrilla and was first introduced to the field of mass spectrometry. Dr. Garcia received his PhD in Chemistry from the University of Virginia under the supervision of Prof. Donald Hunt (2005), and then was an NIH NRSA Postdoctoral Fellow at the University of Illinois with Prof. Neil Kelleher (2005-2008). In 2008, Dr. Garcia was appointed as an Assistant Professor at Princeton University until his recruitment as the John McCrea Dickson MD Presidential Professor of Biochemistry and Biophysics, and Faculty Director of the Quantitative Proteomics Resource Core at the University of Pennsylvania School of Medicine. Dr. Garcia's research interest has focused on developing novel mass spectrometry-based approaches and computation for interrogating protein modifications, especially those involved in epigenetic mechanisms. One longstanding main interest is in understanding the dynamics of histone PTMs during cellular differentiation and disease by combining cell biology, genomics and biochemical techniques with quantitative Bottom Up, Middle and Top Down proteomics. His work has resulted in over 300 publications (>265 as a faculty PI). He has also been recognized with numerous honors including the American Society for Mass Spectrometry (ASMS) Research Award, a National Science Foundation (NSF) CAREER Award, the NIH Director's New Innovator Award, the Presidential Early Career Award for Scientists and Engineers (PECASE), an Alfred P. Sloan Fellowship, an AB Sciex Young Investigator Award, an Agilent Thought Leader Award, the Biomed Research Central Award in Molecular and Cellular Sciences, the PITTCON Achievement Award, the Enabling Proteomics Technologies Ken Standing Award, the Leukemia and Lymphoma Society Dr. Robert Arceci Scholar Award, the Protein Society Young Investigator Award, the Distinguished Lectureship Award from the New Jersey American Chemical Society Mass Spectrometry Group, and the American Chemical Society Arthur F. Findeis Award. In 2018, Ben was also the recipient of the prestigious American Society for Mass Spectrometry Biemann Medal.