

**Devin K. Schweppe, Ph. D.:** Dr. Schweppe is currently an Assistant Professor in the Department of Genome Sciences at the University of Washington. Dr. Schweppe's group focuses on the development and implementation of large-scale quantitative proteomics methods to understand cell biology and disease. These developments sit at the interface of analytical chemistry, bioinformatics, and cell biology and with an emphasis on the implementation of novel intelligent data acquisition (e.g. real-time search) strategies to harness the power of mass spectrometric acquisition more efficiently. Dr. Schweppe's group also develops resources to improve dissemination of proteomics and interactomics data based on previous work developing BioPlex Explorer and XLinkDB 2.0.

Prior to joining the faculty at UW, Dr. Schweppe trained with Dr. Steven Gygi at Harvard Medical School, Dr. James Bruce at the University of Washington, and Dr. Scott Gerber at Dartmouth College. At HMS, Dr. Schweppe developed methods and resources to improve the acquisition efficiency of quantitative proteomics methods. At UW, Dr. Schweppe established techniques to interrogate protein interactions in situ using chemical crosslinking coupled to mass spectrometry. As a graduate student at Dartmouth College, Dr. Schweppe developed phosphoproteomic methods to study aberrant kinase signaling in lung cancer in cell culture models and in patient-derived tumors.