**Joseph C. Anderson, Ph.D.**

AndersonBioscience.com

joe@andersonbioscience.com

206.817.7749

**BIOGRAPHY**

Dr. Joseph Anderson is the owner of Anderson Bioscience, a biotechnology consulting company, and an Affiliate Assistant Professor of Bioengineering at the University of Washington. He has a PhD in chemical engineering and has published over 50 peer-reviewed publications and three book chapters. Over the last 25 years, he has developed devices to treat severe emphysema and to assess fat metabolism through breath acetone measurement. He continues to investigate the exchange of chemicals in the lung.

Dr. Anderson’s area of expertise focuses on the mechanisms by which the body exchanges material and energy between the blood, tissue, and air. Additionally, he has expertise on the theory and practice of measuring a variety of chemicals in the gas phase (e.g., breath) and evaluating measurement uncertainty. He has evaluated over 1,000 cases and testified over 300 times in courts across the US and Canada. His testimony focuses on our new understanding of lung alcohol exchange and biologic factors affecting the measurement of alcohol in breath and above the skin.