

## Stephen Springer

Advanced Chemist

<b>Primary Responsibilities</b>	<i>Prepares environmental samples (water, sediments, biota, etc.) for trace metals and metals speciation analysis, calibration of laboratory equipment, lab maintenance and cleaning.</i>
<b>Education</b>	Ph.D. Chemistry, <i>University of California Santa Barbara</i> , 2016 B.S. Chemistry and Biochemistry, <i>University of Washington</i> , 2009
<b>Employment</b>	Advanced Chemist, <i>Brooks Applied Labs</i> , 2019 - present Metals Chemist, <i>Brooks Applied Labs</i> , 2017 - 2019 Sample Control Specialist, <i>Brooks Applied Labs</i> , 2017 Graduate Student Researcher, <i>University of California Santa Barbara</i> , 2009-2016
<b>Publications</b>	Henske, J. K.; Springer, S. D.; O'Malley, M. A.; Butler, A., Substrate-based Differential Expression Analysis Reveals Control of Biomass Degrading Enzymes in <i>Pycnoporus cinnabarinus</i> . <i>Biochemical Engineering Journal</i> . 2018, 130, 83–89. Springer, S. D.; He, J.; Chui, M.; Little, R. D.; Foston, M.; Butler, A., Peroxidative Oxidation of Lignin and a Lignin Model Compound by a Manganese SALEN Derivative. <i>ACS Sustainable Chem. Eng.</i> 2016, 4, 3212-3219. Springer, S. D.; Butler, A., Microbial Ligand Coordination: Consideration of Biological Significance. <i>Coordination Chemistry Reviews</i> 2016, 306, 628-635. Springer, S. D.; Butler, A., Magnetic Susceptibility of Mn(III) Complexes of Hydroxamate Siderophores. <i>Journal of Inorganic Biochemistry</i> 2015, 148, 22-26. Kem, M. P.; Zane, H. K.; Springer, S. D.; Gauglitz, J. M.; Butler, A., Amphiphilic Siderophore Production by Oil-Associating Microbes. <i>Metallomics</i> 2014, 6, 1150-1155.