

Andrew Leduc
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RESEARCH

Single Cell Proteomics Research, Slavov Lab, Northeastern University **2019- Current**

- Developed a nanoliter scale single cell proteomic sample preparation method using the CellenONE liquid handling system
- Single cell proteomic sample preparation and data analysis

Chemical Engineering Research Internship, Lehigh University **Jun 2016 – Aug 2016**

- Lead a team of three students studying the properties of hydrogels for their use in oil recovery and medicine delivery
- Analysis of extracellular matrix properties under Dr. Kelly Schultz in the field of microrheology

EDUCATION

Northeastern University - *Graduate School, Doctorate degree in Bioengineering*

Boston, MA

2019 - Current

- Slavov Lab single cell proteomics research
- Teacher assistant for undergraduate linear algebra course

2014 - 2018

Lehigh University - *B.S. Chemical Engineering*

Bethlehem, PA

- *Graduated with Honors*

Publication

- Wehrman, M.* D., Leduc, A.* , Callahan, H. E., Mazzeo, M. S., Schumm, M. and Schultz, K. M. (2018), *Rheological properties and structure of step- and chain-growth gels concentrated above the overlap concentration. AIChE J.*, 64: 3168-3176. doi:10.1002/aic.16062

WORK

Zenith Technologies (Automation Engineer)

2018-2019

- Design of distributed control systems and onsite support of automation systems at Biogen's Research Triangle Park facility

SKILLS

Proficient in R, Python, Excel, Word, and Power Point, DeltaV, Matlab, Aspen, Linux, LabVIEW