

Andrew Leduc
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RESEARCH EXPERIENCE

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

- Developing a Single Cell Proteomic sample preparation method using the CellenONE liquid handling system

Chemical Engineering Research Internship, Lehigh University **Summer 2016**

- Conducted research under Professor Kelly Schultz in the field of microrheology
- Lead a team of three students studying the properties of hydrogels for their use in oil recovery and medicine delivery and have publication in review process

EDUCATION

Graduate School, Doctorate Degree

Northeastern University, Boston, MA

2019 - Current

College of Engineering; (Bio Engineering)

Undergraduate

Lehigh University, Bethlehem, PA

Class of 2018

College of Engineering; (Chemical Engineering)

Graduated with Honors

SKILLS

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

Publications

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