

Jillian Popek

Chemical Engineering Graduate

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Jillian-Popek/e973230c34cb458f](https://www.indeed.com/r/Jillian-Popek/e973230c34cb458f)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Formulation Science Co-op

The Dow Chemical Company - Collegeville, PA - June 2015 to Present

- o Performed polymer synthesis prep that included weighing and mixing monomer emulsions, chases, and catalysts.
- o Assisted with the setup, operation and maintenance of a Freeslate reactor system
- o Completed polymer characterizations including but not limited to: % solids, gas chromatography, high performance liquid chromatography, differential scanning calorimetry methods, and several titration methods

Process Improvement Engineer Co-op

Estée Lauder Companies - Bristol, PA - April 2014 to September 2014

- o Monitored plant efficiency and made adjustments to run rates on the production lines accordingly
- o Created preliminary labor and mechanical costs for the assembly of finished good products
- o Independently conducted time studies to improve processes at the manufacturing level
- o Led a weekly safety and quality meeting focused on LEAN practices with coworkers and supervisors

Safety Engineer Co-op

Keystone Foods, LLC - Conshohocken, PA - July 2013 to September 2013

- o Designed and implemented a new Safety & Health Corporate Governance Document process
- o Developed a new structure for policies, standard operating procedures, guides and templates
- o Completed a gap analysis of existing governance documents used in North American plants
- o Cooperatively introduced a new injury reporting system to regional safety managers in the US and Australia
- o Effectively communicated governance document process to global Safety & Health team via webinar

EDUCATION

Bachelor of Science in Chemical Engineering

Drexel University - Philadelphia, PA

2011 to 2016