



## R&D Co-op (Platform Discovery Engineer)

Available Positions: 2

### Summary

For the Platform Discovery Engineer Co-op position, we are looking for a motivated co-op who is passionate about changing how patients take medicine. The co-op will work under two engineers spanning the process development and exploratory technologies groups. The main projects will revolve around optimizing the processes we use to create and assemble the various components of Lyndra's novel oral dosage form, as well as the characterization of the platform. The R&D Co-op will work cross-functionally among different teams and will gain experience in a variety of unit operations: hot melt extrusion, infrared welding, cryo-milling, injection molding, 3D printing. Experience with any of these operations is not required but would be a plus.

### Job Responsibilities

Developing new ideas for improving Lyndra's long-acting oral drug delivery platform, including polymers with novel modes of action, platform designs with exploratory gastro-intestinal performance, and alternative processes to improve performance  
Manufacturing and production support for novel extended release drug delivery technology, including manual assembly of polymer-based dosage forms using plastic welding techniques and mechanical testing on polymer-based dosage forms  
Applying chemical and/or mechanical engineering principles to optimize assembly process  
Design, execution, and support of R&D experiments  
Evaluating dosage forms for chemical and/or mechanical failure modes and developing creative solutions

### Required Capabilities

Hands-on problem-solving skills  
Ability to follow and execute instructions  
Strong attention to detail  
Confidence in presenting new ideas  
Ability to adapt to changing priorities in a fast-paced work environment  
Ability to work independently or as part of a team

### Optional Experience/Skills

General understanding of heat and mass transfer, unit operations  
Familiarity with industry-standard mechanical testing  
Previous production and/or manufacturing experience with polymers  
CAD experience

### More About Us

Lyndra Therapeutics is a clinical-stage biopharmaceutical startup company based in Watertown, MA that aims to make daily pills a thing of the past. Our team has developed the first ultra-long-acting pill that lasts a week or longer to improve medication adherence and health outcomes and help lower the cost of care.



For further information, please contact [sholar@lyndra.com](mailto:sholar@lyndra.com)