



On Demand Pharmaceuticals, Inc.: Senior Chemical Engineer

On Demand Pharmaceuticals (ODP) is changing the way we make and distribute medicines—by providing them to anyone, anywhere, any time. ODP is creating innovative manufacturing platforms to enable our vision to produce critical medicines at the point of care and to secure the pharmaceuticals supply chain. As a young organization, ODP offers an exciting opportunity for passionate scientists and engineers to make a difference in the world while developing career paths for advancement. ODP is seeking a Senior Chemical Engineer to support the development of our next generation medicine manufacturing platforms. Our manufacturing platform is comprised of modules that can chemically synthesize active pharmaceutical ingredients, purify crude products, and formulate into finished drug product. These modules are miniaturized and mobile and can be deployed anywhere in the world to strengthen pharmaceutical supply chain and enable local production of medicines. This position will be responsible for:

- Develop new synthetic methodologies using batch and flow processes
- Process characterization of new flow processes using a suite of modelling tools
- Working on the development and translation of new drugs onto the next generation of “Pharmacy on Demand” manufacturing platforms that can produce FDA-approved drugs
- Developing new process controls and automations for the Next-Gen platforms
- Collaborate closely with the drug substance purification team
- Working with ODP’s mechanical engineers to advance continuous flow capabilities to increase functionality
- Maintaining ODP’s leading edge by creating new technical platforms and capabilities
- Delivering results in a high paced environment

Minimum Hiring Standards:

- Ph.D. in Chemical Engineering.
- Practical organic chemistry experience with a focus on reaction engineering
- Experience with modelling platforms like COMSOL, Dynochem etc. is necessary
- Experience with control and automation processes
- Experience with HPLC, GC, Raman is preferable
- Ability to work collaboratively with multi-disciplinary cross-functional research teams
- Strong written/oral skills required, and ability to communicate technical concepts to a non-technical audience
- Energy and passion to thrive in a start-up environment and to deliver on the mission of On Demand Pharmaceuticals

Preferred Hiring Standards:

- Individuals with > 2 years’ experience and training preferred.
- Candidates with experience in continuous processing of chemicals, materials, or pharmaceuticals

Application materials:

Send a letter of intent and resume/CV to:

Luke Rogers, Ph.D

Director of Chemical Synthesis

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