Postdoctoral Research Scholar (Philmus Lab)

**Department:** Department of Pharmaceutical Sciences, College of Pharmacy, Oregon State University  
**Location:** Corvallis, OR  
**Appointment:** 100% FTE  
**Basis:** 12 months  
**Anticipated Start date:** June 15, 2022

**POSITION SUMMARY**
This position will conduct molecular biology and synthetic biology research in Benjamin Philmus’ laboratory in the Department of Pharmaceutical Sciences at OSU. The researcher will be involved in developing synthetic biology techniques and protocols on an industry prototype microfluidics device. The researcher will be involved in cloning individual genes and constructing synthetic DNA fragments using the microfluidics device and determining efficiencies compared to traditional methods. This industry funded position is currently funded for 12-months (anticipated start date June 15, 2022) with the possibility of extension into a second 12-month contract given satisfactory completion of the proposal aims and the acquisition of additional funding. 

**OSU** is one of two American universities to hold the Land Grant, Sea Grant, Sun Grant, and Space Grant designation and is a Carnegie Doctoral/Research-Extensive university. OSU is located in Corvallis, a community of 54,500 people situated in the Willamette Valley between Portland and Eugene. Ocean beaches, lakes, rivers, forests, high desert, and the rugged Cascade and Coast Ranges are all within a 100-mile drive of Corvallis.

The College of Pharmacy contributes to the improvement of public health and welfare through dissemination, expansion, and application of knowledge. The college participates fully in the university’s mission of teaching, research, and service. This position requires a criminal history check.


**DECISION MAKING/GUIDELINES**
A successful applicant will have a history of successful research with a focus on utilizing molecular biology methods. They will demonstrate knowledge of commonly used molecular biology protocols and have a history of independence in laboratory research. Please submit a 1) resume/CV; and 2) cover letter indicating how your qualifications and experience have prepared you for this position.
POSITION DUTIES
80% Research - includes research and data analysis to meet the industry funder’s expectations and milestones. Also includes necessary support work including but not limited to media preparation, laboratory supply ordering, etc.
10% Teaching - training of graduate and undergraduate students
10% Writing - manuscripts, SOPs, grant proposals

MINIMUM/REQUIRED QUALIFICATION
PhD in molecular biology, biochemistry, natural products, or related area.
A demonstrable commitment to promoting and enhancing diversity is required.

PREFERRED QUALIFICATION
Experience in synthetic biology, synthetic DNA construct assembly and design preferred

Please contact Dr. BJ Philmus for more information - Benjamin.Philmus@oregonstate.edu.