

# PHARMACO- GENOMICS At-A-Glance

Professionals working in pharmacogenomics combine the science of drugs, and the study of genes to develop effective, safe medications and doses tailored to an individual's genetic makeup.

## CAREER OUTLOOK ///

## PHARMACOGENOMICS IS A GROWING INDUSTRY

**10.8%**



**projected annual growth rate  
between 2018-2026\***

\*Coherent Market Insights

## HIGH AVERAGE WAGES

Top earners are seeing  
salary ranges from



**\$90-\$110k**

## CAREER OPTIONS ///



### Pharmacogenomics Specialist

Research how drug treatments and human genes interact and work to identify ways of making drugs more effective.



### Geneticist

Utilize your understanding of genomics to study genetics, gene science, hereditary traits/disease, and more.



### Senior Scientist

Work in a lab on special projects and have other scientists who work under you or you might oversee doctoral students' dissertations or teaching classes (if you're working in an academic setting).



### Molecular Sales Consultant

Specialized consultants combine their experience in Pharmacogenomics and business development to provide support to existing businesses growing in personalized medicine and healthcare fields.



### Clinical Genomics Curator

Curators maintain and develop documentation on global, federal, and association guidelines on the clinical significance of genomics-related research in medicine and healthcare.



### Data Scientist

Use scientific methods, processes, systems, and algorithms to analyze actual phenomena from structural and unstructured data.

## Earning Your Masters of Pharmaceutical Sciences: Pharmacogenomics and Personalized Healthcare from UC Online

The University of Cincinnati's Pharmacogenomics program helps students learn the effects of genomics, the environment, and patient-specific factors on drug response, all of which allow for individualized therapy and optimal clinical outcomes. This program opens up ample opportunities for employment in academia, the pharmaceutical industry, and direct clinical care.



Take courses developed by **experts**  
with **practical experience**



**Flexibility** to balance school,  
work, and family life



Advance your career in fields with  
**demand for greater innovation**



**Start-to-graduation support** from your  
Student Success Coordinator and faculty



To learn more about the MS in Pharm Sci: Pharmacogenomics and Personalized Medicine program, and to speak with an Enrollment Services Advisor, visit: <https://online.uc.edu/request-information/>