Global Parkinson's Genetics Program

Training in Genetics, Data Science, and Clinical Research

The **Global Parkinson's Genetics Program (GP2)** is committed to training the next generation of researchers with expertise across the spectrum of genetic research.

GP2 offers a range of free online learning resources and support for in-person training opportunities.

GP2 is a resource of the Aligning Science Across Parkinson's (ASAP) initiative.

Online Learning Resources

Through its learning platform, GP2 offers a range of free courses taught by world-class experts. Take a full course to earn a certificate anytime on demand.

Available Courses:

- Using Terra to Access Data & Perform Analyses
- Introduction to Python
- Beginner Bioinformatics for Parkinson's Disease Genetics
- Parkinson's Disease Genetics for Non-Geneticists
- Research Methods I
- Intermediate Bioinformatics for Parkinson's Disease Genetics
- GP2 Bioinformatics Training Workshop
- Research Methods II
- Micro e-Learning Program
- Return of Genetic Results

Upcoming Courses:

- Introduction to the Verily Workbench Viewpoint Platform
- Whole-Genome Sequencing Data Analysis
- Beginner Bioinformatics for Parkinson's Disease Genetics - Course Update

Sign up for our learning platform

In-Person Training Programs

PhD Studentships

GP2 is funding PhD training in Parkinson's disease genetics for those who identify as belonging to an underrepresented group in Parkinson's disease research.

Training Sabbaticals

GP2 trainees, including funded Master's and PhD students, will have the opportunity to travel to specialized centers around the world for training sabbaticals. These sabbaticals will provide additional training in experimental work, data analysis, and clinical visits.

Trainees at a GP2 Bioinformatics Training Workshop in Mexico

Workshops & Hackathons

There are also a range of training workshops being organized alongside scheduled congresses such as the International Parkinson and Movement Disorder Society international and regional congresses.

Training Research Opportunities

Get involved in a research project using GP2 data. Learn bioinformatics analysis under the guidance of a collaborative team and dedicated mentorship.

Follow the QR code to learn more about GP2 training opportunities and to access this information in other languages.

There is still much to learn about genetic risk factors, and the path to further understanding requires working with experts both in science and in varied populations.

Questions about GP2 or interest in training programs? Contact **training@gp2.org**