



Division of Human Genetics
Clinical Fellowships in
Laboratory Genetics and Genomics and
Clinical Biochemical Genetics and Genomics

LABORATORY GENETICS AND GENOMICS

The Division of Human Genetics currently offers an ACGME-accredited 2- year fellowship in Laboratory Genetics and Genomics with an optional 3rd year which is strongly encouraged. This fellowship combines training in both cytogenetics and molecular genetics.

The fellowship has one opening every July. Applications for the fellowship will be accepted July 1 – September 1 of the preceding year. Invited candidates will be scheduled for interviews in October – November.

Both traditional and new cytogenetic and molecular techniques will be integrated throughout the training. The updated Learning Guide for LGG is available on the ABMGG website at <https://www.abmgg.org/wp-content/uploads/2024/03/LEARNING-GUIDE-LGG.pdf>

Upon successful completion of the fellowship, fellows are eligible for certification in Laboratory Genetics and Genomics by the ABMGG.

For applicants who are already ABMGG-certified in either Cytogenetics and Genomics or Molecular Genetics and Genomics, you will still be able to maintain your certification in that specialty throughout your career.

CLINICAL BIOCHEMICAL GENETICS AND GENOMICS

The Division of Human Genetics currently offers an ACGME-accredited 2-year fellowship* in Clinical Biochemical Genetics. This program is open to PhDs and MDs but is focused more on MDs who have completed a residency.

*The ABMGG currently allows MDs who have completed a medical genetics residency or fellowship to complete the clinical biochemical genetics training in just one additional year.

Upon successful completion of the fellowship, fellows are eligible for certification in Clinical Biochemical Genetics and Genomics by the ABMGG.

APPLICATION REQUIREMENTS FOR BOTH PROGRAMS

Application Requirements for PhDs or MDs who do not plan to obtain a US medical license.

- The completed, signed application form. The PDF can be downloaded at <https://www.cincinnatichildrens.org/-/media/Cincinnati-Childrens/Home/education/clinical/fellowship/genetics/contact/clinical-genetics-fellowship-application.pdf>
- Your personal statement explaining your interest in the fellowship.
- Clinical experience is recommended but not required.
- Transcript/grades from your MD and/or PhD program.
- Three letters of recommendation from mentors; for MDs one must be from a training program director.
- USMLE scores and ECFMG certificates are required for MD applicants only.

Additional application requirements for ALL International Graduates - Graduated from a Non-US or Non-Canadian Institution

- Letter of Verification of Credentials from the ABMGG http://www.abmgg.org/pages/cert_forcredential.shtml
- We sponsor J-1 (for MD) and H-1B (for PhD) Visas.
- TOEFL score report. *If the ABMGG indicates in their Verification of Credentials letter that this is not required it may be omitted.

We look forward to receiving your application packet. ALL application materials* must be submitted in PDF format in a single complete file with the file name in this format: LastName_First Name Application LGG. A file name example is Doe_John Application LGG.pdf

*Letters of recommendation should be addressed to the Program Director and may be included in the single PDF file, or they may be sent separately via email to geneticstraining@cchmc.org or by regular mail to the address shown below.

Laboratory Genetics and Genomics Fellowship - Dr. Qiaoning Guan, Program Director
Clinical Biochemical Genetics and Genomics Fellowship - Dr. Nancy Leslie, Program Director

Applications not submitted as indicated above will not be considered.

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