

## Emory University Molecular Genetic Pathology Training Program

### Description of Program and Additional Information:

The molecular genetic pathology fellowship is an ACGME accredited one-year clinical fellowship designed to train pathologists for a career in molecular genetic pathology. The trainee will get a thorough exposure to all aspects of molecular genetic pathology including hematopathology, infectious diseases, tissue typing, oncology, and medical genetics. Emory Medical Laboratories and Emory Genetic Laboratories have state-of-the art molecular diagnostic facilities that together perform more than 55,000 tests annually. The trainee will gain experience with a broad range of molecular techniques including nucleic acid extraction, Southern blotting, nucleic acid amplification (real-time PCR, NASBA, and SDA), cytogenetics, FISH, microarray technology, SSCP, bone marrow engraftment studies and nucleic acid sequencing (both conventional and high throughput). Trainees are expected to participate in laboratory test development and translational research. The fellow will assume progressively more responsibility for interactions with clinicians and other pathologists, and test interpretation as the training progresses.

**Program Website:** <http://www.pathology.emory.edu>

**Requirements:** MD, USMLE Step 3, board eligible in Pathology (AP/CP, AP or CP) or Medical Genetics; experience in molecular diagnostics or molecular techniques

**Length of Program:** 12 months

**Application Deadline:** November 1<sup>st</sup> (2 years prior)

**Visas Accepted:** J1 Medical

**Additional Contact:** Mary Lou Mojonner, Residency Coordinator  
Tel: (404) 727-4283  
Fax: (404) 727-2519  
[mary.lou.mojonnier@emory.edu](mailto:mary.lou.mojonnier@emory.edu)

### Faculty:

Karen P. Mann, MD, PhD, Director  
Charles E. Hill, MD, PhD, Co-Director  
Angela Caliendo, MD, PhD  
Deborah Saxe, PhD  
Madhuri Hegde, PhD.  
Numerous ancillary faculty

