

Virginia Commonwealth University Medical Center Division of Molecular Diagnostics/Department of Pathology Molecular Genetic Pathology Fellowship

Description of Program and Additional Information:

The molecular genetic pathology fellowship is a one-year clinical fellowship which trains pathologists and medical geneticists for a career in molecular genetic pathology. The program is currently accredited by ACGME. The trainee receives a thorough exposure to all aspects of molecular genetic pathology including infectious diseases, hematopathology, oncology, human identity testing, and medical genetics. The VCU Molecular Diagnostics Laboratory is a state-of-the art, 6,400 sq ft facility that performs more than 14,000 tests annually. Fellows participate in laboratory test development and translational research. The fellows are responsible for interactions with clinicians and other pathologists, and test interpretation as the training progresses. Fellows rotate through the human genetics clinical services and in the biochemical genetics laboratory. Hands-on experience is obtained with a broad range of molecular techniques including nucleic acid extraction, real-time PCR and reverse transcriptase PCR, cytogenetics, FISH, SNP analysis, Affymetrix microarray technology, bone marrow engraftment chimerism studies, and nucleic acid sequencing.

Program Website: <http://pathology.vcu.edu>

Requirements: USMLE Step 3, Virginia medical licensure, completed AP and/or CP, or Medical Genetics

Length of Program: 12 months

Application Deadline: November 1

Visas Accepted: J1

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