

## Oregon Health & Science University Molecular Genetic Pathology Fellowship

### Description of Program and Additional Information:

The OHSU MGP fellow will gain a working knowledge of all current clinical molecular diagnostic procedures including DNA and RNA extraction, Southern blots, *in situ* hybridization/FISH, mutation scanning methods, and qualitative and quantitative amplification methods. These technologies are applied in a wide spectrum of clinical settings (and in multiple clinical diagnostic lab sections) including cancer, inherited disease (Mendelian, trinucleotide repeats, and complex), infectious disease, HLA-typing, and identification. The MGP fellow will learn to analyze and interpret molecular data from our wealth of clinical cases, and to compose and communicate diagnostic reports. These molecular results will be correlated with clinical, laboratory, morphologic, immunophenotypic, and cytogenetic findings. Exposure to ethical issues, lab quality assurance, and lab administration are an additional part of the MGP curriculum. The MGP fellow will also learn to design and implement research projects aimed at understanding the molecular basis of disease or translating such basic discoveries into improved patient care. An optional second year of full time research may be available to interested and eligible fellows.

**Program Website:** <http://www.ohsu.edu/pathology/win/Fellmolgen.htm>

**Requirements:** MD with an ACGME accredited residency in Medical Genetics or Pathology (AP and/or CP), or certification by the American Board of Medical Genetics

**Length of Program:** 12 months, with an option for an additional 12

**Application Deadline:** Applications will be accepted up to two years in advance and will be reviewed as rolling admissions.

**Visas Accepted:** Yes (reviewed on an individual basis)

**Additional Contact:** Anna Wedeking, Training Programs Coordinator,  
[pathrap@ohsu.edu](mailto:pathrap@ohsu.edu)

### Faculty:

Richard D. Press, MD PhD

Sue Richards, PhD

Plus the faculty of the OHSU Departments of Pathology and Molecular & Medical Genetics

