

Institution	Accreditation Status	Date Updated
<p><a href="#">University of new Mexico Health Science/TriCore</a>            1001 Woodward place NE            Albuquerque, NM 87102  <b>Program Director Name:</b>  <a href="#">Mohammad A. Vasef, M.D.</a>  <a href="mailto:mvasef@salud.unm.edu">mvasef@salud.unm.edu</a>  <b>Tel:</b> (505) 938-8456  <b>Fax:</b> (505) 938-8414</p>	<p>Initial ACGME            Accreditation Awarded            effective 7/1/2008</p>	<p><b>AMP office will            enter date</b></p>

**Description of Program:**

**University of New Mexico Health Science  
 Molecular Genetic Pathology Fellowship**

**Description of Program and Additional Information:**

A comprehensive training in Molecular Genetic Pathology (MGP) is provided at the University of New Mexico Health Science Center and TriCore Reference Laboratories in all areas of Molecular Pathology including Molecular Oncology, HLA typing, Post Bone Marrow Transplantation Chimerism, Hereditary Genetic Tests, Molecular Microbiology/Virology and Cytogenetics/FISH. Training in Medical Genetics and Genetic Counseling is provided in Dysmorphology Clinics in Department of Pediatrics with close interaction of MGP fellow with pediatric dysmorphologist and geneticist including participation in medical rounds. The molecular tests are mainly performed at TriCore Reference Laboratories and include over 16,000 molecular diagnostic tests, 1,300 molecular oncology and 4,400 cytogenetics/FISH assays. A range of technologies is employed that include RT-PCR, qualitative PCR, allelic discrimination PCR, quantitative real time PCR, direct DNA sequencing, high resolution melting curve analysis, fluorescent and chromogenic in situ hybridization, and capillary electrophoresis. The MGP fellow will be trained in a structured manner with active involvement in the interpretation of molecular pathology test results, preparation of molecular pathology reports prior to sign out and discussion of results with referring physicians. An integrated approach will be taught and used. The fellow will attend ongoing education conferences and didactic presentations. The fellow will also present conferences including interesting, classic or challenging cases in molecular pathology. The fellow will participate in QA/QC aspects of molecular pathology as well as in laboratory management meetings. Graduated responsibility will be given to the fellow as the fellow accrues acceptable competency levels. Ample opportunities for research projects and publications are provided and the fellow is encouraged to present his/her work in molecular pathology-related national meetings.

**Program Website:** <http://hsc.unm.edu/som/pathology/fellowships.shtml>

**Requirements:** MD plus residency training in pathology or medical genetics

**Length of Program:** 12 months; July 1<sup>st</sup> through June 30<sup>th</sup>

**Application Deadline:** September 1<sup>st</sup>

**Visas Accepted:** J1

**Faculty/Key Staff:**

**Mohammad A. Vasef, M.D.**  
**John Hozier, Ph.D.**  
**Brian Hjelle, M.D.**  
**James Gale, Ph.D.**  
**Barbara J. Masten, Ph.D.**  
**Mary Lipscomb, M.D.**  
**Stephen A. Young, Ph.D.**  
**Walter Kisiel, Ph.D.**  
**Ivana Bononcini, B.S., MT (ASCP)**

**Thomas Williams, M.D.**  
**Carol Clericuzio, M.D.**  
**Kathryn Foucar, M.D.**  
**Richard C. Harvey, Ph.D.**  
**Joanne Milisa Drautz, M.S.**  
**Lori Ballinger, M.S.**  
**Kaaren K. Reichard, M.D.**  
**Carla S. Wilson, M.D., Ph.D.**  
**Qiang-Yun Zhang, M.D., Ph.D.**

