

Univ of Arkansas for Medical Sciences - Course Catalog - 2014-2015

Genetics: Gene-UGENB - Medical Genetics (Adult and Ped)	
Course Type	Elective
Prerequisites:	
Restriction days:	7
Keywords:	
Course Objectives:	<p>Work with geneticists to care for patients with a spectrum of medical problems which have or are suspected to have an underlying genetic etiology.</p> <p>Apply concepts and principles of medical genetics to clinical medicine.</p> <p>Obtain complete family histories from patients, understand their importance and learn how to assess them for risk (cancer and recurrence risk).</p> <p>Effectively use resources such as medical textbooks, research articles, and computer-based systems to obtain information necessary for up-to-date genetics care.</p> <p>Become familiar with diagnostic methods for identifying genetic problems, including karyotyping, fish, microarray DNA analysis and biochemical testing.</p> <p>Identify and discuss appropriate patient education resources and material.</p> <p>Appreciate the importance of genetics in disease prediction and prevention.</p> <p>Gain understanding of the ethical issues regarding patient confidentiality as it pertains to families and individual family members with genetic disorders.</p> <p>Learn to respect the autonomy of all patients while giving appropriate consideration to the difficulties certain disabling genetic conditions may pose for decision-making.</p> <p>Gain familiarity with relevant local and national support groups that can benefit the patient and family regarding their specific genetic condition.</p>
Course Director	Bradley Schaefer, M.D. 501-364-2966
Course Coordinator	Michelle Haygood
Office Phone Number	(501) 686-6564
Slot	512-22, ACH
Duration	4 Weeks

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Gene-UGENB continued. . .	
Max students	1
Available	Blocks 1 - 10---- THE AVAILABILITY OF THIS ELECTIVE IS BASED UPON PHYSICIAN SCHEDULES. PLEASE CALL MS. MICHELLE HAYGOOD TO CHECK BEFORE ADDING THIS ELECTIVE TO YOUR SCHEDULE.
Specific Duties of the Student	Students will learn by providing care to patients at UAMS,ACH, and/or ACRC. An appreciation for clinical genetics will be gained by working alongside clinical geneticists in the office and hospital settings. Students will be directly supervised by faculty physicians and will be a part of all aspects of a genetics consultation including counseling, risk assessment and genetic testing. Students will use the electronic medical record to collect and interpret family history as it pertains to cancer genetics. In addition, students will complete specific coursework (reading and online resources) on common problems encountered in clinical genetics. The student will be assessed on performance in the medical setting on a pass/fail basis.
Report to (Location)	UAMS - Main Campus (and Associated Hospitals/Clinics)
Housing	Provide your own
Parking	No