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**Required (R) and Optional Conferences Medical Genetics and Genomic Medicine Residents.  
2018-2020**

Title of conference	Frequency	Overview
<b>Clinical Genetics Conference (R)</b>	Bimonthly/Wednesday	<p>General review of clinical topics, recent clinical literature, cover clinically-relevant topics.            Participants: Faculty (physicians, APNs, counselors), staff, ABMGG residents, pediatric residents, ABMGG molecular fellows and medical and genetic counseling students.</p>
<b>Genetics Journal Club (R)</b>	Monthly/Wednesday	<p>A research or clinical paper is discussed.            Participants: Faculty (physicians, APNs, counselors), staff, ABMGG genetics residents, pediatric residents, ABMGG molecular fellows and medical and genetic counseling students.</p>
<b>Pre- and Post-clinical Conference (R)</b>	Weekly/ Wednesday	<p>Review patients scheduled in Genetics Clinic for the week. Only instructive cases only are presented.            Participants: Faculty (physicians, APNs, counselors), ABMGG genetics residents, pediatric residents and medical and genetic counseling students.</p>

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<p><b>ABMGG Core Trainee Lecture Series (R)</b></p>	<p>Weekly/Wednesday</p>	<p>Topics important for core genetics residency education, including Prenatal Genetics, Genetic Counseling Skills/Cultural Sensitivity, Diagnosis and Management of Inborn Metabolic Diseases and Diagnostic Lab Results Interpretation (Molecular, Mitochondrial, Biochemical and Cytogenetics/aCGH). Participants: ABMGG genetics, residents, rotating residents and students.</p>
<p><b>Genetics Lab review (R)</b></p>	<p>Monthly/Wednesday</p>	<p>Review interesting laboratory results. Participants: Faculty (physicians, APNs, counselors), ABMGG genetics residents, pediatric residents, ABMGG molecular fellows and rotating students.</p>
<p><b>Genetics MM&amp;I (R)</b></p>	<p>Twice a year/ Wednesday</p>	<p>Standard MM&amp;I conference tailored to the unique clinical issues that arise in genetic clinical practice. Each academic year the genetics resident will help organize and present in one of these MM&amp;I conferences. Participants: All of the Division faculty and staff, ABMGG genetics resident, rotating residents and students.</p>
<p><b>UDN case presentation</b></p>	<p>Weekly/Wednesday</p>	<p>Case presentation and discussion led by a genetics resident, genetic counselor, and geneticist. Participants: Faculty (physicians, APNs, counselors), ABMGG genetics residents, rotating residents and rotating students.</p>

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<p><b>Next generation sequencing data conference</b></p>	<p>Weekly/Friday</p>	<p>WES or WGS data of UDN cases are presented and discussed. Participants: Genetics faculty (physicians, APNs, counselors) and other physician faculty from across the medical center, ABMGG genetics residents, pediatric residents, laboratory medicine fellows, bioinformaticians and medical and genetic counseling students.</p>
<p><b>Molecular Sign-Out 100% during 2 week rotation (R)</b></p>	<p>Weekly</p>	<p>Review of relevant Molecular Laboratory Cases. Participants: ABMGG genetics residents, ABMGG molecular fellows and molecular pathology fellows</p>
<p><b>aCGH Conference during 2 week rotation (R)</b></p>	<p>Biweekly</p>	<p>Review of aCGH results Participants: ABMGG genetics residents, ABMGG molecular fellows and molecular pathology fellows</p>
<p><b>Biochemistry Sign-Out during 2 week rotation (R)</b></p>	<p>Weekly</p>	<p>Review of biochemistry laboratory results Participants: ABMGG genetics residents, ABMGG molecular fellows and molecular pathology fellows</p>

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<p><b>Department of Pediatric Research conference (R)</b></p>	<p>Monday</p>	<p>This conference is attended by all the pediatric faculty and subspecialty fellows. The conference features a mixture of invited speakers and faculty, residents and fellows presenting ongoing research.</p>
<p><b>Department of Pediatrics Grand Rounds (R)</b></p>	<p>Tuesday</p>	<p>This conference is required for all pediatric faculty, residents and fellows. The conference features a mixture of invited speakers and selected VUMC faculty who discuss timely topics not limited to pediatric health.</p>
<p><b>VGI Journal club</b></p>	<p>Weekly/Friday</p>	<p>Vanderbilt Genetics Institute Journal club. Speakers are invited from around the country. Participants: Faculty, genetic residents, graduate and undergraduate students attend.</p>
<p><b>State of TN Genetics Advisory Committee Meeting</b></p>	<p>Twice a year</p>	<p>Attend at least one State of TN Genetic Advisory committee meeting each year to get exposure to public health policy as it relates to genetics. This meeting features geneticists from all the genetic centers in the State of TN, who discuss policy issues related to newborn screening and provision of genetics services to patients in the state.</p>

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<b>National Meetings</b>	Once a year	The resident will attend one genetics meeting each year (American Society of Human Genetics, American College of Medical Genetics or Society of Inherited Metabolic Disease).
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