

Traveling Genetics CME Presentations

If interested in scheduling a genetics expert, please contact Christina Zaleski
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| Title | Presenter | Objectives |
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| Alpha-1-Antitrypsin: From Bench to Bedside | Elizabeth McPherson, MD | <ul style="list-style-type: none"> Follow the development of knowledge in human genetics using alpha 1 antitrypsin deficiency as an example. Discuss advances in care for alpha-1 antitrypsin deficiency patients. |
| Birth Defects & Genetics | Elizabeth McPherson, MD | <ul style="list-style-type: none"> Increase awareness of the frequency of birth defects. Discuss causes of common birth defects. |
| Breast Cancer | Margo Grady, MS,CGC | <ul style="list-style-type: none"> Review BRCA genes and risks for cancer. Review family history features suggestive of BRCA1/2 families. Discuss medical management options for high risk women. |
| Diving into Ethical & Legal Issues in Genetics | Christina Zaleski, MS, CGC | <ul style="list-style-type: none"> Understand ethical and legal issues in clinical genetics and impact on health care providers. Improve ability to converse with patients seeking genetic services about complex ethical and legal issues that may arise. Gain familiarity with laws and regulations that apply in clinical genetics practice context. |
| Family History Taking: The Genetic Way | Leigh LoPresti, MD | <ul style="list-style-type: none"> Discuss barriers to using family history Learn definitions and standards for obtaining a genetic family history. Understand inheritance patterns via interpretation of family pedigrees. |
| Genetic Basis for Common Conditions & Duty to Recontact | Margo Grady, MS,CGC | <ul style="list-style-type: none"> Review multifactorial inheritance and impact of degree of relationship on risk Explore the risks to relatives in congenital heart disease, mental illness, diabetes and mental retardation. Discuss the legal and ethical role a health care provider has in identifying and recontacting patients that may be at risk for a genetic disorder. |
| Genetic Considerations In the Evaluation of Joint Hypermobility | Phil Giampietro, MD, PhD | <ul style="list-style-type: none"> Review cardinal features of common genetic connective tissue disorders associated with arthritis. Discuss treatment modalities for these conditions. |
| Genetic Diagnosis & Testing | Elizabeth McPherson, MD | <ul style="list-style-type: none"> Discuss goals, risks, benefits and limitations of genetic testing. Develop a framework for decisions about ordering genetic testing. |
| Genetic Evaluations for Unexplained Death | Phil Giampietro, PhD, MD | <ul style="list-style-type: none"> Examine guidelines to evaluate sudden unexpected death including stillbirths, SIDS, metabolic diseases and sudden cardiac death. Discuss the role and benefits of DNA banking in sudden unexpected death. |
| Genetic Resources for the PCP | Sumedha Ghate, MS,CGC | <ul style="list-style-type: none"> Locate genetics resources for your patient Understand the role of genetics professionals and when to refer |
| Genetics & The Heart | Elizabeth McPherson, MD | <ul style="list-style-type: none"> Review the genetics of cardiac disease Discuss the role of genetic testing for patients with heart disease |
| Hereditary Cancer Syndromes | Angela Pickart, MS, CGC | <ul style="list-style-type: none"> Review basic cancer genetics concepts. Discuss the process of genetic counseling and testing for hereditary cancer. Review clinical, genetic, and management data for hereditary breast and colon cancer syndromes. |
| Hereditary Cancer Syndromes | Christina Zaleski, MS, CGC | <ul style="list-style-type: none"> Identify major hereditary breast & colon cancer syndromes. Detect patients who may be at risk for familial cancer. Discuss role of genetic counseling process. Appreciate role of DNA banking. |
| Integrating Genetics into Office Practice | Leigh LoPresti, MD | <ul style="list-style-type: none"> From a family practice physician's viewpoint, recognize situations encountered in daily practice where genetic knowledge could benefit patients through disease prevention and/or early detection Learn strategies to apply and integrate genetic information in your practice. |
| Personalized Medicine | David Bick, MD | <ul style="list-style-type: none"> Define personalized medicine (also referred to as individualized medicine). Give two examples of common adult disorders in which an individual's genetic make-up (genome) plays an important role in |

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| | | <ul style="list-style-type: none"> susceptibility. Name two medications whose usage and dosing are significantly affected by an individual's genetic make-up (genome). Understand the purpose of the federal Genetic Information Non-discrimination Act. |
| Preconception & the Young Cancer Survivor | Margo Grady, MS,CGC | <ul style="list-style-type: none"> Review the impact of cancer on fertility, fertility preservation techniques, and the effect of cancer treatment on pregnancy and potential risks to offspring. |
| The Genetics of Cancer | Leigh LoPresti, MD | <ul style="list-style-type: none"> Distinguish between the genetics of acquired verses inherited cancer Discuss mechanisms for cancer genes. Learn tips to recognize inherited cancer susceptibility genes in your practice. |
| The Genetics of Connective Tissue disorders | Angela Pickart, MS, CGC | <ul style="list-style-type: none"> Review basic genetics concepts. Discuss the clinical features of common connective tissue disorders including Marfan syndrome and Ehlers Danlos syndrome. Review the inheritance and management for these disorders. |
| The Genetics of Pediatric Neuromuscular disease | Angela Pickart, MS, CGC | <ul style="list-style-type: none"> Review basic genetics concepts. Discuss the clinical features, inheritance, and genetic basis for common pediatric neuromuscular disorders. Review molecular based treatment approaches currently in clinical trials. |
| The New Genetics: ELSI | Leigh LoPresti, MD | <ul style="list-style-type: none"> Discuss the "New Genetics" and how it impacts medicine. Through case studies, appreciate ethical, legal, social and legal issues in genetic medicine. |
| Transitions | Phil Giampietro, MD, PhD | <ul style="list-style-type: none"> Discuss transition issues for common genetic conditions List resources for the health care provider to develop medical homes for children with genetic conditions. |