

# 9th Annual Virginia State Genetics Education Conference



Monday, May 4, 2015

Lewis Ginter Botanical Gardens, Richmond, Virginia

Kelly Education Center—Auditorium

**Purpose:** To provide a venue for Virginia genetic counselors and other associated professionals to discuss current issues and topics in genetics, to learn about the variety of state programs and available resources and to form a better network of communication.

**Learning Objectives:** The participants will be able to:

1. Review current literature on prenatal screening and testing options and illustrate challenges with newer technologies, such as noninvasive prenatal testing and microarray analysis.
2. Describe how somatic chromosomal changes arise and list potential future uses for this knowledge in genetic counseling for both cancer and childhood adversity.
3. Describe available breast imaging options and limitations of each, in women at high risk of breast cancer.
4. Review common genetic etiologies of renal cancer predisposition syndromes and describe molecular methods appropriate for testing.
5. List neurogenetic disorders in which the combination of sporadic and genetic etiologies impacts counseling and discuss a patient's social and emotional concerns when considering genetic testing.
6. Identify craniofacial differences and their common underlying genetic etiologies, and list feeding solutions, surgical treatment and airway management strategies in newborns with cleft lip and/or cleft palate.
7. Summarize updates to licensure efforts and examine current and future billing strategies for counselors in the state of Virginia that can be applied to practice.

**Registration:** A registration fee of \$20.00 for members, \$50.00 for non-members, and \$10.00 for student members is due at the time of registration. Space is limited.

**Approval for 6.5 contact hours (0.65 CEUs) has been requested from The National Society of Genetic Counselors (NSGC) and is pending.**

## AGENDA

7:15am - 8:00am	REGISTRATION/BREAKFAST	
8:05am - 8:15am	Presidential Address: Welcoming Remarks and VaAGC Updates	Elizabeth Chisholm, MS, CGC
8:15am - 9:15am	Prenatal Microarray: Experience in 20,000 Cases	Vivian J. Weinblatt, MS, LCGC
9:15am - 10:15am	The Chromosomal and Epigenetic Make-up of our Somatic Cells: Is it “Black and White” or “Fifty Shades of Grey”?	Colleen Jackson-Cook, PhD
10:15am-10:30am	BREAK	
10:30am – 11:30am	Genetics and the Impact on Breast Imaging	Gilda Cardeñosa, MD
11:30am-12:00pm	Molecular Testing for Inherited Renal Cancer Syndromes	Lora JH Bean, PhD
12:00pm-1:00pm	LUNCH	
1:00pm-2:00pm	Lessons from Neurodegenerative and Movement Disorders	Claudia Testa, MD
2:00pm-3:00pm	Caring for Children with Craniofacial Differences	Jennifer Rhodes, MD
3:00pm-3:15pm	BREAK	
3:15pm-3:45pm	VCU Student Thesis Projects	Meredith McDaniel, BS Haley Pace, BS
3:45pm-4:15pm	A License to Bill: 2015 Update	Ben Helm, MS, CGC Matt Thomas, ScM, CGC
4:15pm-4:30pm	Q&A	
	MEETING ADJOURNMENT	

## SPEAKERS

Elizabeth Chisholm, MS, CGC—Children’s Hospital of The Kings’ Daughters, Division of Medical Genetics and Metabolism, Norfolk, Virginia

Vivian J. Weinblatt, MS, LCGC—Director of Clinical and Sales Education, Integrated Genetics, Westborough, Massachusetts

Colleen Jackson-Cook, PhD, FACMG—Professor of Pathology, Human & Molecular Genetics and Obstetrics & Gynecology, Virginia Commonwealth University, Richmond, Virginia

Gilda Cardenosa, MD—Veronica Donovan Sweeney Professor of Breast Imaging and the Director of Breast Imaging at Virginia Commonwealth University, Richmond, Virginia

Lora JH Bean, PhD—Senior Director, Emory Molecular Genetics Laboratory, Atlanta, Georgia

Claudia Testa, MD—Associate Professor Department of Neurology at Virginia Commonwealth University/Medical College of Virginia, Medical Director and Associate Director of Clinical Research for the VCU Parkinson's and Movement Disorders Center and Huntington Disease Program, Richmond, Virginia

Jennifer Rhodes, MD—Assistant Professor of Surgery and Pediatrics; Medical Director for the Center for Craniofacial Care of Children’s Hospital of Richmond and the VCU Vascular Birthmark Clinic at Virginia Commonwealth University, Richmond, Virginia

Haley Pace, BS— Master of Science in Genetic Counseling Program, Expected Graduation, May 2015, Virginia Commonwealth University, Richmond, Virginia

Meredith McDaniel, BS—Master of Science in Genetic Counseling Program, Expected Graduation, May 2015, Virginia Commonwealth University, Richmond, Virginia

Benjamin Helm, MS, CGC—Children’s Hospital of The Kings’ Daughters, Division of Medical Genetics and Metabolism, Norfolk, Virginia

Matthew Thomas, ScM, CGC—Division of Genetics, Department of Pediatrics, University of Virginia School of Medicine, Charlottesville, Virginia

*A special thank you to this year’s state meeting planning committee.*

*The VAAGC is always looking for volunteers. If you would like to become more involved with the VAAGC, please sign up for one of the committees below at the registration desk or email the VAAGC at [info@vaagc.org](mailto:info@vaagc.org).*

*State Meeting and Education Committee  
Licensure and Public Policy Committee  
Grant Committee  
Communications, Marketing and Web Design Committee*