

# 10th Annual Virginia State Genetics Education Conference



Monday, May 16, 2016

Omni Hotel Downtown, Charlottesville, Virginia

**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 noninvasive prenatal genomic screening and illustrate challenges with newer technologies.
2. Describe how various third-party tools are used by home DNA testing recipients and demonstrate how genetic counseling service models fit within the interpretation of this data.
3. Describe the state of newborn screening for lysosomal storage disorders in Virginia.
4. Review the most up-to-date information on the state of whole exome sequencing and discuss the best practices to incorporate this technology into clinical practice.
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. Describe the latest developments in cancer genetic testing and counseling.
7. Summarize updates to licensure for counselors in the state of Virginia .
8. Evaluate workforce issues that face the field of genetic counseling and identify ways to become a rotation site for ACGC accredited training programs.

**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. For individuals requesting CEUs, an additional fee of \$25 will be required to be paid to the National Society of Genetic Counselors for the filing and awarding of CEU certificates. Space is limited.

**Approval for 6.75 contact hours (0.675 CEUs) has been requested from The National Society of Genetic Counselors (NSGC) and is pending.**

**We would like to thank our Platinum Sponsors, Sequenom CMM and GeneDx, for their generous support of this year's meeting.**

## TENTATIVE AGENDA

|                   |  |  |
|-------------------|--|--|
| 7:15am - 8:00am   | REGISTRATION/BREAKFAST   |  |
| 8:00am - 8:15am   | Presidential Address:<br>Welcoming Remarks and VaAGC Updates   | Elizabeth Chisholm, MS, CGC                                  |
| 8:15am - 9:15am   | MaterniTGenome: Validation and<br>Initial Clinical Experience  | Erica Soster, MS, CGC  |
| 9:15am - 10:15am  | Genetic Counseling in the Era of<br>Home DNA Testing           | Brianne Kirkpatrick, MS, LGC                                 |
| 10:15am-10:30am   | BREAK  |  |
| 10:30am – 11:30am | Whole Exome Sequencing:<br>Updates and Future Directions       | Bethany Friedman, MS, CGC<br>Audra Bettinelli, MS, CGC       |
| 11:30am-12:15pm   | Updates in Cancer Genetics                                     | Thuy Vu, MS, CGC   |
| 12:15pm-1:15pm    | LUNCH  |  |
| 1:15pm-2:00pm     | Neurogenetic Testing: A Case Based<br>Approach                 | Radhika Dhamija, MD  |
| 2:00pm-3:00pm     | Newborn Screening for Lysosomal Storage<br>Disorders           | Bill Wilson, MD  |
| 3:00pm-3:15pm     | BREAK  |  |
| 3:15pm-4:00pm     | VCU Student Thesis Projects                                    | Jennifer Lent, MS<br>Audrey Gregory, MS<br>Joyti Khokhar, MS |
| 4:00pm-4:15pm     | Time for Some Licensure R&R:<br>Rules and Regulations          | Matt Thomas, ScM, CGC  |
| 4:15pm-4:30 pm    | Updated on Genetic Counseling<br>Training and Workforce Issues | Rachel Gannaway, MS, CGC                                     |
| 4:30pm-4:45pm     | Q&A  |  |

MEETING ADJOURNMENT

## SPEAKERS

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

Brianne Kirkpatrick, MS, LCGC—Founder and President of WatershedDNA, LLC, Crozet, VA

Bill Wilson, MD—University of Virginia Health Sciences Center, Genentech Professor of Pediatrics and Chief of the Division of Medical Genetics, Charlottesville, VA

Radhika Dhamija, MD—University of Virginia Health Sciences Center, Assistant Professor in the Division of Pediatric Neurology and Genetics and Metabolism, Charlottesville, VA

Audra Bettinelli, MS, CGC-Genomics Consultant, GeneDx, Gaithersburg, MD

Bethany Friedman, MS, CGC-Senior Genetic Counselor, GeneDx, Gaithersburg, MD

Erica Soster, MS, CGC– Medical Clinical Liaison, Sequenom, Inc.

Thuy Vu, MS, CGC– Genetic Counselor, CarilionClinic, Roanoke, VA

Jennifer Lent, MS— Master of Science in Genetic Counseling, May 2016, Virginia Commonwealth University, Richmond, VA

Joyti Khokhar, MS—Master of Science in Genetic Counseling, May 2016, Virginia Commonwealth University, Richmond, VA

Audrey Gregory, MS– Master of Science in Genetic Counseling, May 2016, Virginia Commonwealth University, Richmond, VA

Matthew Thomas, ScM, CGC—Founder and Co-Director of the Cardiovascular Genetics Program, University of Virginia School of Medicine, Charlottesville, VA

Rachel Gannaway, MS, CGC– Director of MS in Genetic Counseling Program, Virginia Commonwealth University School of Medicine, Richmond, VA

*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*