



GEORGIA SECTION

# MEETING Announcement



ACS  
Chemistry for Life™

**Monday, January 29, 2018**

**Dr. Holly Carpenter  
Aeon Global Health**

***New Frontiers in Clinical Laboratory  
Diagnostics: From Quantitative Toxicology  
to Precision and Molecular Medicine***

**Location:**

**Mary Mac's Tea Room,  
224 Ponce De Leon Ave NE,  
Atlanta, GA 30308**

**Directions:** [Click Here](#)

**6:30 pm** Meet and mingle (Cash bar)

**7:00 pm** Dinner

**8:00 pm** Speaker

**Menu:**

*Grand Taste of the South Buffet Dinner*

Mains: Southern Fried Chicken, Slow Cooked BBQ  
Pork, Chicken and Dumplings, Fried Catfish Fillets  
Sides: Macaroni and Cheese\*, Sweet Potato Souffle\*,  
Fried Okra\*, Fried Green Tomatoes\*, Creamed  
Corn\*, Steamed Vegetable Medley\*, Assorted  
Breads on Buffet

\*Vegetarian-friendly

Desserts: Peach Cobbler and Peanut Butter Pie

Drinks: Iced tea, water, and coffee are included

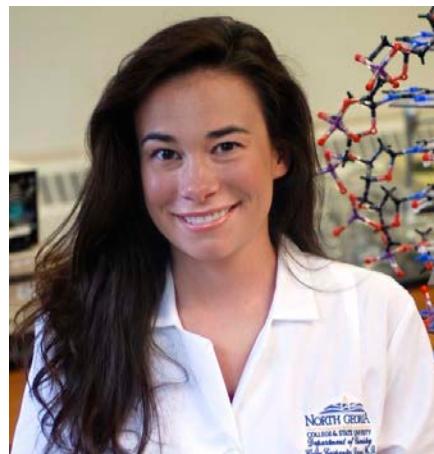
**RSVP by 5:00 pm on Thursday, January 25, 2018  
at**

<https://goo.gl/8rvi8L>

**Price:** \$35 regular; \$25 retired, current ACS members  
and K-12 teachers, \$15 students

**Payment:** **At the door** Cash, credit card, or  
check to: "Georgia Section ACS"

***Note: If you make a reservation and then  
do not attend, you will be charged for the  
meal as we have to guarantee the  
number of meals.***



**Dr. Holly Carpenter**

***New Frontiers in Clinical Laboratory  
Diagnostics: From Quantitative  
Toxicology to Precision and Molecular  
Medicine***

**ABSTRACT:**

*Our mission at Aeon Global Health is to provide physicians with the laboratory services they need to achieve better patient care. Our cutting-edge services in clinical diagnostic testing are focused in the areas of toxicology and precision genomic medicine. DNA-based techniques that allow physicians to prescribe medications or tailor a treatment plan based on an individual's genome are gaining popularity in the market and in the area of personalized medicine. Aeon is a leader in the area of personalized medicine and has an active research and development division to explore emerging commercial laboratory techniques that have the potential to revolutionize the medical industry.*

**BIO:**

*Scientific and Entrepreneurial Background:* With a strong background in science and research, Dr. Carpenter earned her Ph.D. in chemistry at Emory University in Atlanta, Georgia in 2008 in the area of peptide and protein engineering. Her research focused specifically on the design and engineering of collagen and elastin-based protein materials for fundamental and biomedical research applications. She co-founded Aeon Global Health, an innovative clinical diagnostic laboratory in 2011. With over 10 years of experience at the highest levels of academic scientific research in protein materials, Holly now leads the research and development division of Aeon

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as well as coordinates projects in University Partnership initiatives and business development.

*Academic Background and Experience:* After graduating from Emory University in Atlanta, Georgia, Holly accepted a tenure-track faculty position at the University of North Georgia in Dahlonega, Georgia, where she achieved a status of tenured Associate Professor in the Department of Chemistry and Biochemistry. Holly regularly taught courses for undergraduates in biochemistry and medicinal chemistry, as well as introductory chemistry courses. For over 7 years, she conducted academic research with competitive national grants from the Air Force Office of Scientific Research and from the Burroughs

Wellcome Fund in the area of protein engineering. She also conducted collaborative research projects with faculty colleagues and her student researchers at the Georgia Institute of Technology in Atlanta, GA, the Scripps Institution of Oceanography in San Diego, CA, and at Tufts University in Medford, MA. She has traveled both across the United States and internationally to present her research at universities and professional scientific conferences, such as the National Meeting of the American Chemical Society (ACS) in the U.S. and the International EMBO Meeting in Nice, France. Holly has also served as a reviewer for competitive grants at the national level for the National Science Foundation in Washington, D.C.