8:00 AM – 12:00 PM

AP Biology Academy Meeting
Frisco · Invitation Only

8:00 AM – 12:00 PM

Shaw Nature Reserve
Midway (Glass doors to the right of registration) · Field Trip (Tickets Required) · GA

The Shaw Nature Reserve is a private nature reserve operated as an extension of the Missouri Botanical Garden. While there, visitors will ride The Wilderness Wagon that takes guests on a three-mile tour while a naturalist describes the Reserve’s history, what’s in bloom, the Pinetum conifer collection, the tall grass prairie, local wildlife, and wetlands. After the wagon tour, groups will visit the Bascom House: a restored 1879 home which adjoins the Whitmire Wildflower Garden.

This field trip is weather permitting, and alternate arrangements will be made in the event of inclement weather.

8:00 AM – 12:30 PM

9:00 AM – 11:00 AM

NABT Section Meeting:
AP Biology Section
Burlington Route · General Biology · Committee Meeting · GA

NABT Section Meeting:
Four-Year College and University Section
Jefferson/Knickerbocker · General Biology · Committee Meeting · GA

NABT Section Meeting:
Two-Year College Section
Wabash Cannonball · General Biology · Committee Meeting · GA

9:00 AM – 12:00 PM cont.

Improving Genomic Literacy:
Identifying Resources, Dissemination Strategies, and Future Needs
Illinois Central · Genetics · Symposium · HS, 2Y, 4Y, GA

NHGRI/NIH has proposed a Genomic Literacy, Education, and Engagement (GLEE) Initiative, which aims to enhance genomic literacy commensurate with the pace of genomic advances. Join a diverse group of stakeholders to discuss what you consider to be high-quality genomics education resources, lend your expertise to inform the development of a rubric to evaluate genomic resources, and discuss the future/anticipated needs of K-16 educators in genomics.

Elizabeth Tuck and Carla Easter, National Human Genome Research Institute (NHGRI) of the National Institutes of Health (NIH) Bethesda, MD

9:00 AM – 12:00 PM

22 · Complex Instruction in the Biology Classroom: Using Equitable Teaching Strategies to Increase Students’ Opportunities to Learn
New York Central · Instructional Strategies · Special Workshop (Tickets Required) · MS, HS

Participants will learn about the equity strategy, Complex Instruction, for increasing the engagement of all students in learning cognitively-demanding biology content using actionable norms.

Michele Cheyne and Anna Monteiro, Knowles Science Teaching Foundation, Moorestown, NJ; Lauren Kline, Joliet Central High School, Joliet, IL; Bernice O’Brien, William Monroe High School, Bainbridge Island, WA; and Jim Clark, San Lorenzo School District, San Lorenzo, CA

311 · Developing Quantitative Skills in Your Introductory Biology Course Using HHMI BioInteractive Resources
Regency B · General Biology · Special Workshop (Tickets Required) · 2Y, 4Y

Learn how HHMI resources can be used in introductory classes to increase quantitative literacy and student confidence working with data. We will explore modules and applications specific to higher education.

Rebecca Orr, Collin College, Plano, TX; Kristine Grayson, University of Richmond, Richmond, VA; and Satoshi Amagai, HHMI, Chevy Chase, MD