

SUNDAY NOV 12

NOV  
**12**

SUNDAY

**ABBREVIATION KEY**  
**E:** Elementary School  
**MS:** Middle School  
**HS:** High School  
**2Y:** Two-Year College  
**4Y:** Four-Year College  
**GA:** General Audience  
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ST. LOUIS  
**2017**

**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****311 • Developing Quantitative Skills in Your Introductory Biology Course Using HHMI BiolInteractive 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

**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****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

**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