**AUDIENCE**
Novice and experienced teachers alike will gain a greater knowledge of biotechnology and synthetic biology by engaging in practical laboratory experiences. Teachers will engage with this experience from a student and teacher preparatory side. Preference will be given to teams of two or more teachers from the same school/district and from rural or minority serving institutions. Workshop will be capped at 16 participants to account for differentiated instruction and better instructor-to-participant ratio.

**GOALS** - Teachers will be able to:
A. Explain synthetic biology to students  
B. Prep and complete basic synthetic biology labs  
C. Incorporate science literacy strategies (C-E-R) in accordance with Science/CTAE/ELA GSE  
D. Engage with K-12 InVenture Prize Professional Development  
E. Connect with job-alikes across the state to plan and implement GSE aligned lessons that are 3D in nature and incorporate literacy strategies.

**COST**
Cost of attendance is free for participants. Teachers who complete the entire week of training will receive a $500.00 stipend. An additional $1000.00 is available to all participants who participate in 4 follow-up sessions scheduled throughout the 2023–24 school year and provide verifiable evidence of implementation plans during the 2023–24 school year.

**GUEST SPEAKERS & PRESENTERS**
- Dr. Saad Bhamla – Assistant Professor, School of Chem and Biomolecular Engineering – Georgia Institute of Technology  
- Dr. Roxanne Moore – Senior Research Engineer – Georgia Institute of Technology  
- Megan Heaphy – Curriculum & Equipment Specialist – CGHI Equipment Depot  
- Dr. Natalie Kuldell – BioBuilder Foundation  
- Bob Kuhn – Biotechnology Teacher of the Year  
- Dr. Brittney Cantrell – Forsyth County Secondary Ed Specialist  
- Janet Standeven – Program Director Frugal Science Academy – Georgia Institute of Technology

**PROGRAM PARTNERS**
Frugal Science Academy – Georgia Institute of Technology  
Center for Global Health Innovation – Office of Workforce Development  
K-12 InVenture Challenge – Georgia Institute of Technology

**DATE**
Date: 6/12–16/2023  
**TIME**
Time: 8:00–4:30  
**LOCATION**
Location: Athens Technical College  

**REGISTER**