TUESDAY, JUNE 15

9:45AM - 10:00AM | WELCOME
Susan Ferguson | Welcome

10:00AM - 11:30AM | BLOCK 1 | WORKSHOP
Robert Berry | Leading with Equitable Teaching Practices
Susan Ferguson | Blending Art & Science to Engage
English Learners & Students with Special Needs Through
Gyotaku | ESL Science
Brenda Brand, Lezly Taylor, & Layla Zang | Counter
Stories: Motivating Students’ Interest in STEAM Part I
STEM
John Pecore | Managing Noyce Program Data for
Research, Dissemination & Reports | Administrators
Peter Sheppard | Five Priorities, Tall Tales, Truths, &
To-Do’s for New & Novice STEM Teachers | STEM

11:40AM - 1:10PM | BLOCK 2 | WORKSHOP
David Stovall | Relevance & Connectivity in STEM
Education | STEM
Susan Ferguson, Andre Green, & Katie Guffey | Ask Another PI or Co-PI | Administrators
Jim Ewing | Positioning English Learners in STEM
ESL STEM
Bettibel Kreye | Using Relevant, Rich Tasks & Discourse in
the Secondary Mathematics Classroom | Math
Melody Russell | Strategies for Engaging Students in
Science through Culturally Relevant Teaching | Science

WEDNESDAY, JUNE 16

10:15AM - 10:30AM | WELCOME
Andre Green | Welcome & Introduction of NSF
Sandra Richardson, NSF Program Officer | Welcoming Remarks

10:30AM - 11:20AM | OPENING KEYNOTE
David Stovall | Science & the Politics of Reckoning: There is
No Running from Race

11:30AM - 12:15PM | BLOCK 1 | BREAKOUT SESSIONS
Will Lewis | The Social Emotional Learning (SEL) Playbook
STEM
Rich Milner | Opportunity Centered Teaching in STEM:
Mindsets and Practices for Equity | STEM
Tina Miller-Way | The Need for Coastal & Ocean Literacy
& the Sea Lab’s Experiential Education Approach | Science
Katie Johnson | Building Community with an LA (Learning Assistant) Program | Administrators

12:25PM - 1:10PM | BLOCK 2 | BREAKOUT SESSIONS
Qingxia Li | Interview Findings of STEM Faculty, Students,
& High School Teachers Toward Secondary Education
Administrators
Rich Milner | Psychological (and Mental) Health as
Curriculum Sites: Pressing Toward Justice and Equity
STEM
Felicia Williams Russell | Using Culturally Responsive
Teaching Strategies to Differentiate Content in Chemistry
Education | STEM
Millicent Carmouche | Special Education & STEM:
Applying the Universal Design for Learning Model | STEM
Jeremy Zelkowski | Understanding the Relationship
& Effects of Program Design to Improve Teacher
Preparation Programs | Administrators

1:15PM - 2:05PM | BLOCK 3 | PECHA KUCHA
Hunter Berley | Immersive Training Lab: Bring the
Industrial Laboratory to the Classroom | STEM
Kara Montgomery | Citizen Science Project of Analyzing
Microplastics in Local Waterways & Vertebrates | Science
Tandy L. Dolin Petrov | Removing Barriers in STEM
Education: Actively Using Science & Math with Food
STEM
Lacey Simpson | G. Holmes Braddock Senior High School
STEM Representation & STEM Identity Initiative | STEM
Bethany Demarest | Increasing Life Skills through Science
Education for At-Risk Students | Science

2:10PM - 2:25PM | BLOCK 4 | POSTER SESSION 1
John Pecore, Kwame Owusu-Daaku, Jaromy Kuhl, Darren
North, & Melissa Demetrikopoulos | Noyce Program
Components that Encourage STEM Teaching in High-
Need Schools | Administrators
Jennifer Helms, Jordan Register, Anthony Fernandes,
& Rebecca Davis | Lesson Planning With a Culturally
Responsive Mathematics Teaching Tool | Math
Salam Khan, Samantha Strachan, Kelli Curry, & Jawonki
Moseley | Preparing & Supporting Noyce Scholars
During the COVID-19 Pandemic: Lessons from an HBCU
Administrators
Tandy L. Dolin Petrov, Sandra McKell, & J. Michael Wyss
Differentiating STEM Instruction for All Learners, Tips &
Tricks from an Alternative School | STEM
**All session times are listed in Central Time (CDT)**

### THURSDAY, JUNE 17

**9:30AM - 10:15AM | BLOCK 1 | BREAKOUT SESSIONS**
- **Susan Ferguson & Katie Guffey** | Noyce Buddy Program Info Session | STEM
- **Etta Gravely & Tyrette Carter** | NC A & Teach STEM Scholars: Success & Growth Opportunities | Administrators

**10:20AM - 11:10AM | BLOCK 2 | BREAKOUT SESSIONS**
- **Will Lewis** | Developmental Trauma: Addressing It’s Effects in Our Classrooms During & After a Pandemic | STEM
- **Anthony Fernandes** | Analyzing Trafficstop Data to Understand Bias in Policing | Math
- **Brenda Brand, Lezly Taylor, & Layla Zang** | Counter Stories: Motivating Students’ Interest in STEM Part II | STEM
- **Jill Cochran & Mary Clement** | Supporting New STEM Teachers with Monthly Zoom Discussions | Administrators
- **Brooke Burks & Tim Lewis** | Getting the Most Out of Online & Hybrid Teaching | STEM

**11:15AM | CLOSING KEYNOTE SESSION**
- **Katie Guffey** | Introduction to Derek Greenfield & Paul Frazier
- **Derek Greenfield & Paul Frazier** | Charting the Course, Staying the Course: Sustaining the Community of Difference Makers
- **Andre Green** | Closing Remarks

**3:00PM - 4:00PM | KEYNOTE**
- **Madhuri Mulekar** | Introduction to Robert Berry
- **Robert Berry** | Identity, Agency, Positionality and Equitable Instructional Practices

**4:15PM | TRIVIA NIGHT**
- STEM Trivia