

## Day 1: Wednesday, July 12, 2023; Theme: *Laying the foundation for research in urban STEM education in Maryland and beyond*

| Event Description                                                                                                                              | Panelist/Speakers                                                                                                                                                        | Time                | Location              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|
| Check-in/ Breakfast                                                                                                                            | Dr. Roni Ellington                                                                                                                                                       | 8:00 am             | Atrium                |
| Welcome and the Occasion                                                                                                                       |                                                                                                                                                                          | 9:00 am             | (Room 104) Auditorium |
| Greetings from Morgan State University's Provost                                                                                               | Provost, Dr. Hongtao Yu                                                                                                                                                  | 9:05 am             | (Room 104) Auditorium |
| Greetings from the Chair. of the Dean of the School of Education & Urban Studies                                                               | Dr. Frimpomaa Ampaw                                                                                                                                                      | 9:10 am             | (Room 104) Auditorium |
| Introduction of Opening Keynote Speaker                                                                                                        | Mr. Jeffrey Pearson                                                                                                                                                      | 9:15 am             | (Room 104) Auditorium |
| Morning Keynote: Urban STEM Education                                                                                                          | Dr. Gloria Ladson-Billings (Virtual)                                                                                                                                     | 9:20 am - 10:30 am  | (Room 104) Auditorium |
| Concurrent Sessions Overview                                                                                                                   | Dr. Vanessa Dodo Seriki                                                                                                                                                  | 10:30 am            | (Room 104) Auditorium |
| <b>Break &amp; Transition</b>                                                                                                                  |                                                                                                                                                                          | 10:35 am - 10:45 am |                       |
| Self-efficacy, agency, and values as predictors of STEM teacher leadership in Urban-like Learning Environments                                 | <b>Teacher Capital Group</b><br>Mr. Justin Leonard<br>Dr. Diana Cheng<br>Ms. Damaris Blondonville<br>Mr. Derrick Grubb<br>Dr. Xiaoyin Wang<br>Dr. Doug Lombardi, Mentor  | 10:45 am - 12:00 pm | Room 112              |
| Assessing the "Engagement Divide" of Parents: An exploration of familial involvement in urban STEM settings at the primary vs. secondary level | <b>Partnership Group</b><br>Dr. Hosam Alamleh<br>Dr. Niangoran Koissi<br>Dr. Tiana Woolard<br>Mr. John Seelke<br>Dr. Kenneth Leonard<br>Dr. Natasha Pratt Harris, Mentor | 10:45 am - 12:00 pm | Room 208              |

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| Event Description                                                                                    | Panelist/Speakers                                                                                                                                                                                                                                        | Time                | Location              |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|
| Networking Lunch - Establish Working Groups                                                          | Dr. Vanessa Dodo Seriki                                                                                                                                                                                                                                  | 12:00 pm            | Atrium                |
| <b>Panel:</b> Defining Urban STEM Education                                                          | <b>Moderator:</b> Dean Glenda Prime<br><b>Panelists:</b><br>Dr. Camika Royal,<br>Loyola University Maryland<br>Dr. Julius L. Davis,<br>Bowie State University<br>Dr. Lou Matthews,<br>American University<br>Dr. Jomo Mutege,<br>Old Dominion University | 12:30 pm - 1:30 pm  | (Room 104) Auditorium |
| Concurrent Sessions                                                                                  | Dr. Vanessa Dodo Seriki                                                                                                                                                                                                                                  | 1:30 pm             | (Room 104) Auditorium |
| <b>Break &amp; Transition</b>                                                                        |                                                                                                                                                                                                                                                          | 10:35 am - 10:45 am |                       |
| Exploring K-12 urban school STEM teachers' self-efficacy of culturally responsive teaching practices | <b>Culturally Relevant Group</b><br>Dr. Kelly Ivy<br>Mr. Jeffrey Pearson<br>Mr. Askia Brown<br>Dr. Merah Burke<br>Dr. Patrice Pinder<br>Dr. Atma Sahu<br>Dr. Nicassia Belton, Mentor                                                                     | 1:45 pm - 3:00 pm   | Room 112              |
| Equitable STEM participation in Maryland's Urban School Districts                                    | <b>Equity Group</b><br>Dr. Felicia Martin-Latief<br>Dr. Chandra Turpen<br>Dr. Jennifer Scott<br>Dr. Oludare Owolabi<br>Dr. Angela Henneberger, Mentor                                                                                                    |                     | Room 208              |
| Announcements                                                                                        | Dr. Vanessa Dodo Seriki                                                                                                                                                                                                                                  | 3:00 pm             | Atrium                |
| Networking Reception                                                                                 | FUSE Participants                                                                                                                                                                                                                                        | 3:00 pm - 4:30 pm   | Atrium                |



## Day 2: Thursday, July 13, 2023; Theme: *MD CRUSE Sustaining a Community of Practice to Inform Urban STEM Education in Maryland*

| Event Description                                                                                               | Panelist/Speakers                                                                                                                                                                                                                       | Time                | Location                                                  |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------|
| Check-in                                                                                                        |                                                                                                                                                                                                                                         | 8:00 am             | Atrium                                                    |
| Greetings from MD Urban STEM Education                                                                          | Dr. Vanessa Dodo Seriki                                                                                                                                                                                                                 | 9:00 am             | Auditorium                                                |
| Presentation on MD CRUSE and Urban STEM Education in Maryland                                                   | Roni Ellington, Vanessa Dodo-Seriki, and Marc Stein                                                                                                                                                                                     | 9:15 am             | (Room 104) Auditorium                                     |
| Session Overview                                                                                                | Dr. Vanessa Dodo Seriki                                                                                                                                                                                                                 | 10:30 am            | (Room 104) Auditorium                                     |
| Break & Transition                                                                                              |                                                                                                                                                                                                                                         | 10:30 am – 10:45 am |                                                           |
| STEM Outreach programs as a form of social capital: Its availability in urban, suburban, town and rural schools | <b>Student Capital Group</b><br>Mr. Brianda Elzey<br>Mr. Fidees Ybanez<br>Dr. Samira Ahangari<br>Dr. Cheryl Rollins, Mentor                                                                                                             | 10:45 am            | (Room 104) Auditorium                                     |
| Networking Lunch                                                                                                | FUSE Participants & Guests                                                                                                                                                                                                              | 12:00 pm            | Atrium                                                    |
| <b>Panel:</b> STEM Education in Maryland Vision, Policy, and Practice                                           | <b>STEM Policy Panel</b><br><b>Moderator:</b><br>Dr. Roni Ellington<br><b>Panelists:</b><br>Dr. Ashley Huderson, STEM Next Opportunity Fund<br>Dr. Jing Liu, University of Maryland<br>Dr. Nancy Shapiro, University System of Maryland | 12:30 pm            | (Room 104) Auditorium                                     |
| <b>Working Group Sessions:</b> Developing a Plan for Urban STEM Education in MD                                 | MD CRUSE Fellows and Participants                                                                                                                                                                                                       | 1:45 pm             | Room 112<br>Room 208<br>Room 316<br>(Room 104) Auditorium |
| STEM Education in MD                                                                                            |                                                                                                                                                                                                                                         |                     | Atrium                                                    |
| Wrap-up/Report Out                                                                                              | FUSE Participants                                                                                                                                                                                                                       | 2:45 pm             | (Room 104) Auditorium                                     |

## Day 3: Friday, July 14, 2023; Theme: *Forging Collaborations and Next Steps for STEM Education in Maryland*

| Event Description                                                                                                  | Panelist/Speakers                                                                                                                                                                                                                                                                                    | Time     | Location                                               |
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| Check-in/ Breakfast                                                                                                |                                                                                                                                                                                                                                                                                                      | 8:00 am  | Atrium                                                 |
| Welcome                                                                                                            | Dr. Marc Stein                                                                                                                                                                                                                                                                                       | 9:00 am  | (Room 104)<br>Auditorium                               |
| Greetings from The Vice President for the Division of Research and Economic Development at Morgan State University | Dr. Willie E. May                                                                                                                                                                                                                                                                                    | 9:15 am  | (Room 104)<br>Auditorium                               |
| Community STEM Education Townhall Panel                                                                            | <b>Moderator:</b> Dr. Tracy Rone<br><b>Panelist:</b><br>Dr. Kevin Peters, CEMSE, Morgan State University<br>Dr. Jonathan Wilson, Morgan State University<br>Dr. Robert Simmons, Micron Corporation<br>Dr. Megean Garvin, MCCE, University System of Maryland<br>Mr. Lemond Brown, Swaglia Foundation | 9:30 am  | (Room 104)<br>Auditorium                               |
| Transition/Break                                                                                                   | Dr. Roni Ellington                                                                                                                                                                                                                                                                                   | 10:30 am | (Room 104)<br>Auditorium                               |
| Working Group Wrap-Up/Report Out                                                                                   | FUSE Participants                                                                                                                                                                                                                                                                                    | 10:45 am | Room 104<br>Room 112<br>Room 208<br>Room 316<br>Atrium |
| Networking Lunch                                                                                                   |                                                                                                                                                                                                                                                                                                      | 12:00 pm | Atrium                                                 |
| STEM Townhall Exhibition                                                                                           | FUSE Participants                                                                                                                                                                                                                                                                                    | 12:00 pm | Atrium                                                 |
| Concluding Remarks                                                                                                 | Dr. Roni Ellington                                                                                                                                                                                                                                                                                   | 3:00 pm  | Atrium/(Room 104)<br>Auditorium                        |