



QUALITY EDUCATION FOR MINORITIES (QEM) NETWORK

HBCU-UP Leadership Development Institute (LDI)

Session Three

Monday-Friday, August 2 - 6, 2010

DETAILED AGENDA

**Arlington/Clarendon/Ballston Rooms, Holiday Inn Arlington at Ballston
4610 North Fairfax Drive * Arlington, Virginia * 703/243-9800**

**QUALITY EDUCATION FOR MINORITIES (QEM) NETWORK
HBCU-UP LEADERSHIP DEVELOPMENT INSTITUTE (LDI)
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AGENDA

Institute's Overall Goal

To broaden the participation of junior faculty at multi-year HBCU-UP grantee institutions in Science, Technology, Engineering, and Mathematics (STEM) research and academic leadership on their campuses

SUNDAY, AUGUST 1

PM

6:00 *Registration and Welcome Reception* *Arlington/Clarendon*
Joint reception with participants in NSF's First Annual Meeting of Broadening Participation in Research Initiation Grants in Engineering (BRIGE) Principal Investigators

MONDAY, AUGUST 2

AM

7:30 *Registration and Continental Breakfast* *Arlington/Clarendon*

8:15 Welcome, Overview, and Purpose of the Institute *Arlington/Clarendon*
Review of Session Packet and Table of Contents for Resource CD
J. Arthur Jones, Senior Associate, QEM Network

8:30 Reports and Poster Presentations on Summer Research Experiences:
Four Presentations by LDI Chemistry Faculty (Host Site in Parentheses)

 Max Fontus, Prairie View A&M University (Princeton University)
 Kinesha Harris, Southern University at Baton Rouge (Princeton University)
 Michelle Waddell, Hampton University (Princeton University)
 Cherese Winstead, Delaware State University (Pennsylvania State University)

10:30 *Refreshment Break*

11:00 Chemistry Faculty Reflect on Summer Research Experiences/Lessons Learned
Facilitator: Costello Brown, Retired, Professor of Chemistry
California State University at Los Angeles, and QEM Consultant

11:30 Panel Presentation: “Model Research and Education Programs: Best Practices”
Costello Brown, QEM Consultant
Casonya Johnson, Professor, Department of Biology, Georgia State University,
and QEM Consultant
Wayne Lutters, Associate Professor, Department of Information Systems
University of Maryland Baltimore County, and QEM Consultant

PM

12:30 *Working Lunch* *Ballston*
“Developing Professional Portfolios for Tenure Considerations”
Costello Brown, QEM Consultant

2:00 Reports and Poster Presentations on Summer Research Experiences:
Four Presentations by LDI Psychology Faculty (Host Site in Parentheses)

Kimarie Engerman, University of the Virgin Islands (Temple University)
John Fife, Virginia State University (UNC-Chapel Hill)
Amber Hodges, Morgan State University (Boston University)
ZewelANJI Serpell, Virginia State University (UC-San Diego)

4:00 *Refreshment Break*

4:30 Psychology Faculty Reflect on Summer Research Experiences/Lessons Learned
Facilitator: Myra Burnett, Vice Provost, Spelman College, and QEM Consultant

5:00 “Refining Your Research Agenda: The Next Steps”
(Assessing preliminary data; building collaborations; integrating research into
teaching; scholarly productivity; presentations at professional meetings;
mentoring and professional development of students)
Wayne Lutters, QEM Consultant

5:30 *Break*

6:00 *Working Dinner* *Ballston*
Table Discussion of the Day’s Topics

7:00 *Adjournment, Day One*

TUESDAY, AUGUST 3

AM

8:00 *Continental Breakfast* *Arlington/Clarendon*

8:30 Reports and Poster Presentations on Summer Research Experiences:
Three Presentations by LDI Biology Faculty (Host Site in Parentheses)

Lawrence Flowers, Fayetteville State University (Georgia State University)
Anne Osano, Bowie State University (Cornell University)
Alexandria Peister, Morehouse College (MIT)

10:00 Biology Faculty Reflect on Summer Research Experiences/Lessons Learned
Facilitator: Casonya Johnson, QEM Consultant

10:30 *Refreshment Break*

11:00 Reports and Poster Presentations on Summer Research Experiences:
Two Presentations by LDI Computer Science Faculty (Host Site in Parentheses)

Elvira Caldwell, Winston Salem State University (University of Pittsburgh)
Cyntrica Eaton, Norfolk State University (Florida International University)

NOON/PM

12:00 *Working Lunch* *Ballston*
“An Overview of NSF Directorates and Programs”
Costello Brown, QEM Consultant

1:30 Reports and Poster Presentations on Summer Research Experiences:
Two Presentations by LDI Computer Science Faculty (Host Site in Parentheses)

Harold Ramcharan, Shaw University (Carnegie Mellon University)
Alicia Washington, Howard University (Florida International University)

2:30 Computer Science Faculty Reflect on Summer Research Experiences/
Lessons Learned
Facilitator: Wayne Lutters, QEM Consultant

3:00 *Refreshment Break*

3:30 Reports and Poster Presentations on Summer Research Experiences:
Two Presentations by LDI Mathematics Faculty (Host Site in Parentheses)

Latonya Garner, Mississippi Valley State University (UCLA)
Kimberly Kendricks, Central State University (University of Minnesota)

4:30 Mathematics Faculty Reflect on Summer Research Experiences/Lessons Learned
Facilitator: J. Arthur Jones, QEM Network

5:00 “The NSF Proposal Process and Merit Review Criteria”
Wayne Lutters, QEM Consultant

6:00 *Adjournment, Day Two and Dinner on Your Own*

Overnight Assignment: Participants should refine project summaries for a research or research education-focused proposal

WEDNESDAY, AUGUST 4

AM

- 8:00 *Continental Breakfast* *Arlington/Clarendon*
- 8:30 “Strategic Planning for Research Program Development”
 Fitzgerald Bramwell, Professor of Chemistry, University of Kentucky
- 9:30 Discipline-focused Groups Discuss Strategic Planning for Research Programs
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|------------------|------------------------------|
| Biology | Casonya Johnson, Facilitator |
| Chemistry | Costello Brown, Facilitator |
| Computer Science | Wayne Lutters, Facilitator |
| Mathematics | J. Arthur Jones, Facilitator |
| Psychology | Myra Burnett, Facilitator |
- 10:30 *Refreshment Break*
- 11:00 Discipline-focused Groups Meet to Discuss Project Summaries
- | | |
|------------------|------------------------------|
| Biology | Casonya Johnson, Facilitator |
| Chemistry | Costello Brown, Facilitator |
| Computer Science | Wayne Lutters, Facilitator |
| Mathematics | J. Arthur Jones, Facilitator |
| Psychology | Myra Burnett, Facilitator |

NOON/PM

- 12:00 *Working Lunch* *Ballston*
- “NSF’s Broadening Participation Portfolio”
 J. Arthur Jones, QEM Network
- 1:30 Visits with NSF Program Officers *National Science Foundation*
- Participants with Wednesday afternoon appointments meet with Program Officers to discuss their proposal concepts and project summaries
- Participants with Thursday morning appointments will work with QEM Consultants to further develop their plans for a research program and refine their project summaries
- 4:00 *Refreshment Break*

4:30 Participants with afternoon appointments discuss Program Officers' feedback to their research plans and project summaries with discipline-focused group QEM Consultants

6:00 *Adjournment, Day Three and Dinner on Your Own*

Overnight Assignment: Participants with afternoon appointments should revise their project summaries and adjust their research plans based on feedback from Program Officers

THURSDAY, AUGUST 5

AM

8:00 *Continental Breakfast* *Arlington/Clarendon*

8:30 Visits with NSF Program Officers *National Science Foundation*

Participants with Thursday morning appointments meet with Program Officers to discuss their proposal concepts and project summaries

Participants who met with Program Officers on Wednesday discuss their revised project summaries and modified research plans, based on feedback received, with discipline-focused group QEM Consultants

11:30 Participants with morning appointments discuss Program Officers' Feedback to their Research Plans and Project Summaries with discipline-focused group QEM Consultants

PM *Theme for the Afternoon: Laying the Foundation for/Management of Projects*

12:30 *Working Lunch* *Ballston*
"Establishing and Managing a Research Laboratory"
Casonya Johnson, QEM Consultant

2:00 "Managing Project Personnel"
Myra Burnett, QEM Consultant

2:30 "Time Management"
Costello Brown, QEM Consultant

3:00 "Maintaining Vision and Focus"
J. Arthur Jones, QEM Network

3:30 *Refreshment Break*

- 4:00 “Financial Management and Reporting Requirements”
Shirley McBay, QEM Network
- 5:00 “Project Dissemination and Sustainability”
Wayne Lutters, QEM Consultant
- 6:00 *Working Dinner* *Ballston*
Table Discussion of Afternoon Topics
- 7:00 *Adjournment, Day Four*

Overnight Assignment: Participants with morning appointments should revise their project summaries and adjust their research plans based on Feedback from Program Officers

FRIDAY, AUGUST 6

AM

- 7:30 *Continental Breakfast* *Arlington/Clarendon*
- 8:30 “Professional Development for STEM Students”
Myra Burnett, QEM Consultant
- 9:00 “Scholarly Productivity Expectations of STEM Faculty”
(Publications, Conference Presentations, and Professional Society Membership)
Wayne Lutters, QEM Consultant
- 9:30 “Ethics in the Conduct of STEM Research”
(Use of Human Subjects, Institutional Review Boards, Conflicts of Interests,
Intellectual Property Rights, Integrity of Data and Reporting)
Casonya Johnson, QEM Consultant
- 10:00 *Refreshment Break*
- 10:30 “Professional Development Opportunities for Early Career Faculty”
Costello Brown, QEM Consultant
- 11:00 Participants who met with Program Officers on Thursday discuss their revised project summaries and modified research plans, based on feedback received, with discipline-focused group QEM Consultants

NOON/PM

- 12:00 *Working Lunch* *Ballston*
“Providing STEM Leadership for the Future at HBCUs”
Marilyn Suiter, Program Officer, Human Resources Division,
Education and Human Resources Directorate, NSF

- 1:30 Group Discussion of Overall Summer Research Experiences and
Recommendations for Improvements in Summer Research Appointments
Facilitator: Shirley McBay, President, QEM Network
- 2:30 *Refreshment Break*
- 3:00 Participants Report on their Next Steps
Facilitator: Wayne Lutters, QEM Consultant
- 4:00 Observations and Comments
 NSF Program Officers, QEM Consultants, and Staff
- 4:15 Presentation of HBCU-UP LDI Certificates of Achievement
- 4:30 *Adjournment*