



2015 NACME CONTINUUM MEETING

“Celebrating NACME Partnerships”

**CORPORATE SPONSOR
NORTHROP GRUMMAN CORPORATION**

**October 13-14, 2015
Falls Church, Virginia**

Event Location and Accommodations

Falls Church Marriott, Fairview Park
3111 Fairview Park Drive
Falls Church, VA 22042
Phone: 1-703-849-9400

Purpose:

- Increase awareness about the accomplishments of *Connectivity 2015* and the plan for the new strategy
- Increase awareness about NSF grant opportunities
- Present Key Findings from NACME's NSF-funded research project, The Big Study

Meeting Takeaways:

- Provide audience with information about joint accomplishments
- Brainstorm areas of mutual interest for joint grant proposal
- Disseminate lessons learned from The Big Study

We would like to acknowledge our planning team for their contribution to the success of NACME's Continuum Meeting:

Laurence (Tony) Howell, New Jersey Institute of Technology
Gina L. Hutchins, United Parcel Service, Inc.
A. Claire Morse, Bechtel Business Services
Dr. Norman Munroe, Florida International University
Dr. Decatur B. Rogers, Former NACME Board Liaison
Janice Zdankus, Hewlett Packard

AGENDA

DAY 1- TUESDAY, OCTOBER 13, 2015

Falls Church Marriott, Fairview Park

1:00 PM – 1:30 PM	Registration & Refreshments
Session 1 1:30 PM – 2:30 PM Falls Church Marriott Fairview Park Junior Ballroom	Accomplishments for the current 2010-2015 Plan <ul style="list-style-type: none"> • Graduation rates for NACME Scholars • Six-Year Graduation Rates Speakers: Aileen Walter , Vice President, Scholarships, University Relations, & Corporate Internships , NACME, Inc. Dr. Christopher Smith , Director, Research and Program Evaluation, NACME, Inc. Moderator: Dr. Norman Munroe , Associate Professor, Mechanical & Materials Engineering, Florida International University
Session 2 2:45 PM – 4:15 PM Falls Church Marriott Fairview Park Junior Ballroom	NACME Scholar Engagement Opportunities <ul style="list-style-type: none"> • NACME Executive Speaker Series • NACME Career Center Demonstration Speakers: Derrick Scott , Director, Inclusion & Multicultural Engineering Programs, Center for Engineering Diversity & Outreach, University of Michigan Carolina Sanchez , Director, Information Technology, NACME, Inc. Moderator: Laurence (Tony) Howell , Executive Director, Educational Opportunity Fund, New Jersey Institute of Technology
4:45 PM	Transportation from Falls Church Marriott Fairview Park to Northrop Grumman Center for Innovation Solutions (CIS)
5:30 PM – 6:30 PM Northrop Grumman CIS	Tour of Northrop Grumman Center for Innovation Solutions (CIS) 7575 Colshire Drive, McLean, VA
6:30 PM	Transportation departs from Northrop Grumman CIS to Chima Brazilian Steakhouse
6:45 PM – 7:30 PM Chima Brazilian Steakhouse 8010 Towers Crescent Drive, Suite 100, Vienna, VA	Reception
7:30 PM – 9:00 PM	Dinner Welcome and Introductions Dr. Irving Pressley McPhail , President and CEO, NACME, Inc. Northrop Grumman Welcome Prentis Aguilar , Engineer, Northrop Grumman Speaker: Dr. Kamau Bobb , Program Director, Directorate for Computer & Information Science & Engineering, National Science Foundation
9:00 PM	Transportation departs from Chima Brazilian Steakhouse to Falls Church Marriott Fairview Park

AGENDA

DAY 2- WEDNESDAY, OCTOBER 14, 2015

Falls Church Marriott, Fairview Park

8:00 AM – 9:00PM	Breakfast
Session 1 9:00 AM – 10:00 AM Falls Church Marriott Fairview Park Junior Ballroom	NACME STEM Integration Model - Outcomes Speakers: Saundra Johnson Austin , Vice President for Strategic Initiatives, NACME, Inc. Dr. Christopher Smith , Director, Research and Program Evaluation, NACME, Inc.
Session 2 10:00 AM – 11: 45 AM Falls Church Marriott Fairview Park Junior Ballroom	NACME Next Five-Year Strategy Speakers: Aileen Walter , Vice President, Scholarships, University Relations, & Corporate Internships Breakout Session: Response to proposed future direction of NACME’s Scholarship Program
12:00 PM – 1: 30 PM	Lunch
Session 3 1:45 PM – 2: 45 PM	The Big Study: Key Findings Speaker: Dr. Jacqueline Fleming , Independent Researcher Moderator: Dr. Christopher Smith , Director, Research and Program Evaluation, NACME, Inc.
2:45 PM – 3: 00 PM	Closing Remarks Aileen Walter , Vice President, Scholarships, University Relations, & Corporate Internships

SPEAKERS BIOS

(in alphabetical order)

Kamau Bobb, Ph.D.

Kamau Bobb is on assignment to the National Science Foundation where he is a Program Officer in the Directorate for Computer & Information Science & Engineering. At Georgia Tech he is a research scientist for Policy Analysis at CEISMC and one of the chief strategists for STEM education for the Georgia Tech Research Institute (GTRI). Prior to his current assignment he served as a liaison to the University System of Georgia (USG) and was the coordinator of the USG system-wide STEM Initiative. Dr. Bobb has more than 10 years experience in STEM policy analysis and program implementation. Prior to joining the faculty at CEISMC he was a science and technology policy analyst at SRI International where he conducted research on university strategic planning and STEM workforce analysis for clients in the United States and in the Middle East. Dr. Bobb holds a Ph.D. in Science and Technology Policy from Georgia Tech and M.S. and B.S. degrees in Mechanical Engineering from the University of California Berkeley. Dr. Bobb is a NACME Scholar.

Jacqueline Fleming Ph.D.

Jacqueline Fleming is a psychologist, author, and independent researcher based in Pearland, Texas. She received her B.A. from Barnard College, Columbia University in psychology and her Ph.D. from Harvard University in Personality and Development, and was a Post-Doctoral Fellow of the Radcliffe Institute. She was an Associate Adjunct Professor of Psychology at Barnard College, Columbia University, while a consulting psychologist in New York City where she was President of the Motivation Research Corporation. She served in a number of positions at historically Black Texas Southern University in Houston, Texas, including Visiting Associate Professor of Psychology, Associate Professor of Education, Learning Specialist, Retention Officer, Associate Director of Student Success Services, and Director of the General University Academic Center. She is currently principal investigator for the National Science Foundation sponsored study of “Success Factors for Minorities in Engineering” with the National Action Council for Minorities in Engineering (NACME).

Her 1984 book *Blacks in College*, earned three honorary degrees. Her recent book, *Enhancing the Performance and Retention of Minorities: What We Can Learn from Program Evaluation*, was published by Jossey-Bass in 2012. Her forthcoming book is entitled *When Underprepared Students Stay in College*. Fleming has had extensive experience consulting to major advisory boards, such as the Educational Testing Service, the College Board, the National Institutes of Health, the National Action Council for Minorities in Engineering, Inc., the National Research Council, the Houston Annenberg Challenge, the Evaluation Task Force for the 21st Century Community Learning Centers, and the Texas Higher Education Coordinating Board. Fleming has also served as Consulting Psychologist and Senior Research Associate to the United Negro College Fund.

Derrick E. Scott

Derrick E. Scott serves as Director of the Inclusion and Multicultural Engineering Programs, which enables the mainstream college outreach recruitment process in support of diversity and provides programs and services for retaining and graduating students from diverse cultures and backgrounds in Engineering. Derrick is also co-director of the Michigan STEM Academy for the University of Michigan, College of Engineering. He believes that access for underrepresented minority groups is the first step in developing a total educational community with competencies in diversity.

He is the longtime leader of the CoE Multicultural Engineering Program Office (MEPO), charged with developing and facilitating enrollment, retention and graduation of underrepresented minority students. In his role as MEPO director, Scott has developed support services including the Summer Engineering Institute, which serves pre-freshmen as well as first- and second-year students.

“As a result, MEPO has demonstrated significant successes in facilitating student interest in engineering and preparing students academically and professionally for STEM careers,” wrote Robert Scott, CoE academic multicultural initiatives director. He also formed the MEPO Advisory Council, composed of high-level engineering employer representatives who assist the office in strategy, resources and advocacy.

Scott also has been a key adviser to multicultural student societies and has represented the CoE on numerous diversity/culture committees and task forces at the college and university levels.