Hakeem Henry graduated high school in Poughkeepsie NY, and majored in Chemistry at Binghamton University. He gained valuable industry experience working in quality control for a small chemical company, and anticipates returning to graduate school to study inorganic chemistry.

Chelsey Lamar is a graduating Chemistry major at Howard University. She participated in sport activities and was involved in several mentoring and tutoring projects. Chelsey has enjoyed 3 research opportunities as an undergraduate, most recently working under Dr. William H. Casey, at the Center for Sustainable Materials Research, with a recent publication in Inorganics.

Adeolu Mojibola, an undergraduate chemistry major at Morgan State University, has been working under the supervision of Dr. Kadir Aslan on a novel approach to the accelerated crystallization of L-alanine in the presence of tailor-made additives. Adeolu has been both a first and contributing author for 2 recent publications and has continued his work exploring L-alanine’s crystal structure.

Sandra Zebaze Ndendjio joined the Dr. Herman O. Sintim research group in 2012 as an undergraduate research assistant at the University of Maryland, College Park (UMCP), initially working on the synthesis of C-di-GMP analogs and c-di-UMP, and later on the synthesis of triazene analogs as anticancer agents. She also collaborated on the optimization of TOXCAT with Dr. Alessandro Senes at the University of Wisconsin, Madison. She has presented her research at the McNair conference (UMBC) and the “6th Annual Women in Physical Science” conference at UN-Lincoln.

MILLIGAN 2015 SYMPOSIUM
Thursday, March 26, 2015
Marker Seminar Room
Chemistry Building Room 0112
University of Maryland
College Park

Lyle Isaacs, PhD
Chemistry and Biochemistry
Nicole LaRonde, PhD
Chemistry and Biochemistry

Bryant Nelson, PhD. NIST
Efrain Rodriguez, PhD
Chemistry & Biochemistry

David Vanderah, PhD. NIST
Christopher Sims, PhD NIST

Marlon Walker, PhD
NIST
Kwaku Dayie, PhD
Chemistry and Biochemistry
The Dolphus E. Milligan Graduate Fellowship

Today’s program honors the memory of Dr. Dolphus E. Milligan, a preeminent scientist at the National Institute of Science and Technology who, in addition to authoring nearly 100 peer-reviewed publications and achieving international recognition for his work in the field of radical spectroscopy, was instrumental in the formation of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChe).

As a competitive annual award, the Milligan Graduate Fellowship is conceived to assist young scientists of color fully realize their academic, professional and entrepreneurial aspirations in chemistry, chemical engineering and related fields.

The National Institute of Standards and Technology (NIST) and the University of Maryland College Park are proud to make the Milligan Graduate Fellowships possible.

Moderators:
Dr. Marlon L. Walker, NIST
Dr. Theodore Kwaku Dayie, UMCP

PROGRAM

2:00—2:05 Introduction, Dr. Janice Reutt-Robey, UMCP, Chair, Chemistry and Biochemistry

2:10—2:15 Dr. Christopher Sims, NIST
The Perspective of a Former Milligan Fellow

2:15—2:25 Dr. Domonique Downing, Dow Chemical
From Maryland to Industrial Research and Development, telecast

2:25—2:40 Finalist Chelsey Lamar, Howard University
Crystallization Experiments of Al13 and Ga13

2:40—2:55 Finalist Adeolu Mojibola, Morgan State Univ.
Crystal Engineering of L-Alanine with Additives using Metal-Assisted and Microwave-Accelerated Evaporative Crystallization

2:55—3:10 Finalist Sandra Zebaze Ndendjio, UMCP
Diminazene Conjugates as Selective Anticancer Agents

Finalist Hakeem Henry, SUNY Binghamton
Characterization of Biofilm Formation on a Polymer Nanofiber Materials
URL:TBA

Reception follows.

SPECIAL GUESTS

Domonique O. Downing graduated from the University of North Carolina at Chapel Hill with a B.S. in Chemistry and under the direction of Dr. Bryan Eichhorn received her PhD. in Chemistry at the University of Maryland College Park. There, her work focused on the synthesis of bimetallic clusters and their use in the fabrication of catalytic nanoparticles. She is now at The Dow Chemical Company where she participated in the Research Assignments Program. She is currently a research scientist in the Formulation Science, Core R&D organization.

Christopher Sims is a former Milligan fellow, and a native Marylander from Reisterstown. He completed his undergraduate studies at University of Maryland Baltimore County, where he was a Meyerhoff Scholar. He received his PhD in Chemistry at the University of Maryland College Park, under the direction of Dr. Bryan Eichhorn. He is presently on staff at NIST.