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|  Clifton Martin |  **6023 Kano Street****Capitol Heights, Md. 20743****Phone: (202) 794-3594 (C)****E-mail:** clifton.martin.76@gmail.com |

***EDUCATION/CERTIFICATIONS:***

**Morgan State University**, Baltimore, Maryland, School of Engineering

*Doctor of Engineering*, Engineering Education***,*** Graduation Date: Dec. 2018

**Morgan State University**, Baltimore, Maryland, School of Engineering

 *Masters of Science*, Electrical Engineering, May 2003

 **Morgan State University**, Baltimore, Maryland, School of Engineering

 *Bachelors of Science*, Electrical Engineering, May 2001

 **District of Columbia Standard Administrator Licensure**

 *Administrative Service Credential / PreK-12 Grade Level*, Expiration Date – September 22, 2020

 **State of Maryland Educator Advanced Professional Certificate (APC)**

*APC / Mathematics & Technology Education 7-12,* Expiration Date – December 31, 2022

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***PROFESSIONAL EXPERIENCE:***

11/15 – Present **District of Columbia Public Schools (DCPS)** Washington DC – *Director of Engineering NAF Academy*

 H. D. Woodson STEM High School

* Implements the Academy program in accordance with the NAF model, the DC CTE Strategic Plan, and the high school’s comprehensive school plan, including but not limited to:
* Academy curriculum and integration across content areas
* Assessment, progress monitoring, and student support system
* Orientation programs, events, and field trips
* External activities, such as site visits, guest speakers, and industry seminars
* Post-secondary support for alumni
* Develops and maintains robust partnerships with industry and higher education partners, including representing the Academy on the Advisor Board and assisting with development efforts
* Oversees the implementation of student recruitment, including middle grades students and already-enrolled ninth grade students
* Creates, implements, and monitors staff development programs for regular and newly recruited teachers
* Creates incentive awards and programs to develop and maintain high motivation, interest, and commitment from the member teachers and supervisors
* Designs and implements a continuum of work-based learning opportunities throughout high school, including compensated internships for 11th and/or 12th grade students and preparation for success in the workplace
* Works closely with OSSE, DCPS, and NAF and comply in a timely manner with all reporting requirements
* Administers operational components, including financial and management systems and reporting related to budget, grants administration, personnel, fiscal records, and accountability measures

06/14 – 11/15 **Baltimore City Public School System (BCPSS)** Baltimore, MD – *Data Analyst*

* Collected and provided high quality data reports on district performance
* Ability to provide analysis that addresses quality assurance, use of data to establish benchmarks to set standards that exceed local, state and federal requirements
* Collected and provided high quality data reports for district and state official data reporting requirements
* Advised district office on improving data integrity management practices
* Kept supervisors abreast of all matters pertaining to collecting, analyzing and preparing information to be shared with internal and external stakeholders

05/09 – 06/14 **Bluford Drew Jemison (BDJ) S.T.E.M. Academy** Baltimore, MD – *Director of S.T.E.M. & Academic Programs* Baltimore City Charter Middle School (West & East Campuses)

* Serve in a primary administrative role to the instructional and administrative leader of the school (Principal), assuming a major role in directing and evaluating the school's programs and activities
* Provide instructional leadership in CTE/S.T.E.M. & core subject areas, in concert with the principal, for the implementation of the CTE/S.T.E.M. & core subject curriculums
* Monitor and assess student achievement and participation outcomes with appropriate data collection and analysis
* Assist in determining and implementing school organization, student placement and evaluation, and services and programs that provide for the needs of children
* Coordinate and Supervise the programmatic CTE/S.T.E.M. programs

05/07 – 5/09 **Maryland State Department of Education (MSDE)** Baltimore, MD – *Regional Coordinator*

 Career Technology Education

* Responsible for providing leadership, coordination, and technical assistance to Local School Systems (LSS’s) and postsecondary institutions to improve and expand career and technology education (CTE) programs
* Provided technical assistance, coordination, and grants management to LSS’s and community colleges in the development, implementation, evaluation and continuous improvement of CTE programs, resource identification, and facility renovation
* Served as the point of contact to LSS’s and community colleges for federal and State plans, policy interpretation and other initiatives for career and technology education, including: Tech Prep, Career Development, and High Schools that Work
* Provided technical review of the Bridge to Excellence Master Plan, CTE Career Cluster development and assurance with applicable State and federal laws, regulations and policies
* Collected, analyzed, and communicated information data regarding CTE programs within the region in order to define and interpret the needs of the region, LSS’s and community colleges

6/05 – 05/07 **Center of Advance Microwave Research and Applications (CAMRA)** Baltimore, MD – *ATMO Director*

6/01– 6/03 ATMO (Academic Training Management Office)

* Responsible for tracking academic performance of undergraduate students
* Collect, maintain, analyze statistical data that aided in program evaluation
* Develop programs to assist in students’ academic, research, and professional performance
* Responsible for grant and project proposals
* Program manager for pre-college/ high school STEM programs
* Design and manage undergraduate research training program
* Developed and implemented recruiting plan for in-coming freshmen

06/03 – 06/05 **Baltimore Freedom Academy (BFA)** Baltimore, MD – *High School Math Instructor*

* 9th grade Algebra Instructor
* Designed and managed Saturday school math program for failing students

08/02 –06/15 **Community College of Baltimore County (CCBC)** Baltimore, MD – *Adjunct Professor*

**Baltimore City Community College (BCCC)**

**Coppin State University**

**Sojourner-Douglass College**

* Remedial and College Math Course Instructor

 6/98 – 5/01 **Center Of Microwave Satellite & RF Engineering** Baltimore, MD – *Research/Academic Associate*

* Designed and managed undergraduate research training program
* Directed pre-college academic Saturday program for middle and high school students
* Directed six-week academic intensive summer program for Morgan State University in-coming engineering freshman (5 years)

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***Publications and Conference Presentations:***

White, Carl, Givon, Forbes, and Martin, Clifton, “The Creation, Development, and Implementation of Cultivating Adolescents in System Engineering Habits (CASH): Outreaching to Inner-City Middle School Students,” Session Presentation at the 2011

National Association of Multicultural Program Advocates, San Antonio, Texas, February 23 – 25, 2011.

White, Carl, Givon, Forbes, and Martin, Clifton, “Innovative STEM Conference (ISC): Outreaching to Underrepresented Minorities in an Effort to Increase their Participation in STEM Research,” Session Presentation at the 2011 National Association of Multicultural Program Advocates, San Antonio, Texas, February 23 – 25, 2011.

Donawa, Annette, Martin, Clifton, and Carl, White, “Re-Engineering Engineering: Teaching Students How To Think Critically**,”** Proceedings of the 2001 American Society for Engineering Education Annual Conference & Exposition, Honolulu, Hawaii,

June 24 – 27, 2007.

Donawa, Annette, White, Carl, and Martin, Clifton, “Incorporating a New Learning Model into the Pre-Freshmen Accelerated Curriculum in Engineering (PACE),” Proceedings of the 2005 ASEE/IEEE Frontiers in Education Conference, Indianapolis, IN, October 19 – 22, 2005.

Martin, Clifton, “Curricular Change from Traditional to Concept-Based in an Urban High School” Session Presentation at the 2005 NCTM Eastern Regional Conference and Exposition, Hartford, Connecticut**,** October 6 - 8, 2005.

Martin, Clifton, Donawa, Annette, and White, Carl, “Undergraduate Research and Retention,” Proceedings of the Eighth Annual Regional HBCU Summit on Retention, Ocean City, MD March 10 - 12, 2005.

Curtis, Myra W., Martin, Clifton S., White, Carl, “The Evolution of a K-12 Pre-College Program through Student Leadership Development,” Proceedings of the 2001 American Society for Engineering Education Annual Conference & Exposition, Albuquerque, NM, June 24 - 27, 2001.

White, Carl, Curtis, Myra W. and Martin, Clifton S., “Pre-Freshman Accelerated Curriculum in Engineering (PACE) Summer Bridge Program,” Proceedings of the 2001 American Society for Engineering Education Annual Conference & Exposition, Albuquerque, NM, June 24 - 27, 2001.

White, Carl, Pitts, Richard, Curtis, Myra W. and Martin, Clifton S., Stanley, Quentin, “Pre-Freshman Accelerated Curriculum in Engineering (PACE) Summer Program, Morgan State University,” Proceedings of the Fourth Annual Regional HBCU Summit on Retention, Ocean City, MD March 15 - 17, 2001.

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***Programs***

Maryland Junior Science and Humanities Symposium (JSHS) – Assistant Director (2006 – 2014)

Morgan State University/NASA Summer Institute of Robotics (SIR)– Director (2006 – 2007)

Pre-Freshmen Accelerated Curriculum in Engineering (PACE) – Director (2001 – 2007)

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Institute of Electrical and Electronics Engineers (IEEE) – Member (1998 – Present)

American Society for Engineering Education (ASEE) – Member (1999- Present)

National Council of Teachers of Mathematics (NCTM) – Member (2003 – Present)

***REFERENCE*:** Furnished Upon Request