



MAURICE CHIKE NGWABA, Ph.D

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EDUCATION:

Ph.D Organizational Leadership, December 2005, University of Maryland Eastern Shore, Princess Anne, Maryland

M. Sc. Technology Management, December 1998, University of Maryland University College, Adelphi, Maryland

B. Arch. 1989, Tuskegee University, Alabama

B.A. Arch. Sc., 1988, Tuskegee University, Alabama

Dip. Environmental Health 1983, School of Health Technology, Aba, Nigeria

CONTINUED EDUCATION:

Harvard University Graduate School of Design

Certificate: Urban School Planning and Design, Summer 2000

Certificate: Achieving High performance Buildings Through a Whole Building System Design Approach, Summer 2000

Certificate: Child -Care and Health Care Design, summer 1997

Certificate: Real Estate and Financial Analysis Summer 1997, etc.

QUALIFICATIONS/CERTIFICATIONS:

National Council of Architectural Registration Board Certificate (NCARB) #45,117

American Institute of Certified Planners (I.D # 099143)

State of Maryland Registered Architect, Reg. # 9859

Commonwealth of Virginia Registered Architect, #0401 010259

State of Georgia Registered Architect, # 008838

Government of the District of Columbia Registered Architect, #ARC100235

Certified Construction Specifier (CCS), June 1994, by the Construction Specification Institute

Construction Documents Technologist (CDT), June 1992 by the Construction Specification Institute

State of Maryland, Certified personnel in Erosion and Sediment Control Management (1992)

Public Health Superintendent, August 1983, by the West African Health Examination Board

HIGHER EDUCATIONAL EXPERIENCE:

January, 1990 – 2009 University of Maryland, Eastern Shore, Facilities Planning, Engineering and Architectural Services, Princess Anne, Maryland.

Dr. Ngwaba has served as Assistant Vice President for Administrative Affairs, Director of Physical Plant, Director Facilities, Architect/Planner at UMES and:

- Directs the planning and coordination of the university comprehensive and strategic plans, physical development plans and policy, and the management of capital improvement projects.
- Directs the management of physical plant operations and maintenance programs including: grounds, housekeeping, environmental services and health and safety, building maintenance, HVAC and electrical division, energy management, fleet management, central receiving, central steam plant, facilities planning and engineering.
- Directs the planning, design and construction of all university capital projects, and supervised over \$400 million in capital improvements of various project types, including over 1.8M square feet in new construction and renovation.
- Prepares facility management reports including the university five-year, and ten-year capital improvement program requests to the University System of Maryland Board of Regents and the State of Maryland Department of Budget and Management, and Department of General Services.
- Assists the university president and the vice president for administrative affairs in all capital budget legislative hearings and serve as liaison for facility matters.
- Initiate project programs and in consultation with users define project scope and prepare planning cost estimates within the guidelines of the campus development plan, the University System, and State of Maryland capital budget process.
- Supervise space inventory system, space analysis and the determination of spatial needs

of the faculty, staff and students in accordance with the State of Maryland Public College and University Space Guidelines and the Facilities Inventories Classification Manual (FICM) of the U.S Department of Education.

- Supervises all land and real estate acquisitions and prepare due diligence reports to the University System Board of Regents and other affected organizations and agencies.
- Directs campus wide energy management programs and conservative efforts.
- Assists in the integration and management of a comprehensive access and security system, fire alarm systems, and other health and safety programs.
- Manages the institution obligations to various governmental standards and requirements including but not limited to storm-water management, State Department of Environment, EPA, reforestation, OSHA, MOSHA, etc.
- Ensures that all project programs, plans and facilities are in conformance with all applicable agency/governmental regulatory requirements.
- Directs the University Climate Change and Sustainability initiatives, etc.

AUXILIARY DUTIES:

- Developed a State of Maryland award winning Risk Management Program and chaired the University of Maryland Eastern Shore committee from January 1992 to June 30, 1994.
- Developed a highly successful Americans with Disabilities Act (ADA) compliance program that has achieved compliance rate of 98%.
- UMES Telecommunication Coordinator from January 1990 to September 1991. Supervised the installation of the NEAX2400 INFORMATION MANAGEMENT SYSTEM by BellSouth Communication System.
- Member of the University Planning Commission, Middle States Accreditation Preparation Committee, Telecommunication Advisory Committee, the Americans with Disabilities Act Compliance Committee, etc.

ARCHITECT FIRM EXPERIENCE

Dr. Ngwaba has served with distinction at the following Architectural firms:

- President, Chyke Maurice & Associates, Inc., 902 W. Main Street, Salisbury, MD
- R.L Brown Architects, & Associates Inc., Architecture /Construction, 246 Sycamore Street, Suite 246, Decatur, Georgia 30030
- George Hunter Jr. Architects & Assoc. George Hunter Jr. Architects & Assoc. 283 Center Street N. Birmingham, Alabama

- Harmon, Collier Associates Inc., 1623 21st Street, Birmingham, Alabama

TEACHING EXPERIENCE:

Dr. Ngwaba has served as instructor and adjunct faculty at:

- University of Maryland Eastern Shore, Princess Anne, MD
- Southern Illinois University, Dover AFB campus.
- School of Health Technology Aba, Nigeria

RESEARCH/PUBLICATIONS/PRESENTATIONS:

1. Ngwaba, Maurice Chike; A case study of constraints in the planning, design, and construction of a higher educational facility using the neo-institutionalism approach. A doctoral dissertation completed December 2005, University of Maryland Eastern Shore, Princess Anne, MD.
2. Ngwaba, Maurice; Knight, Chris; & Moshogianis, Mike; “Creative partnering for a University and its Barrier Island Community”; Presented at the 2002 Mid-Atlantic Regional Conference, Society for College and University Planning, April 7-9 2002, Pittsburgh, Pennsylvania, USA
3. Ngwaba, Maurice; “Effective facilities master planning, a tool for campus development“ Presented to an international higher education strategic planning workshop at the University of Maryland Eastern shore, Princess Anne, MD, August 1, 2001.
4. Ngwaba Maurice; “ A basic Health care Hospital for Macon County, AL.”, Thesis presented to the Tuskegee University Thesis Committee in fulfillment for a degree in B. Architecture, Tuskegee Alabama, May 1989
5. See project experiences for project program documents.

MEMBERSHIP/PROFESSIONAL AFFILIATIONS:

American Institute of Architects

American Planning Association

Association of Physical Plant Administrators

Member, Wicomico County Historic District Commission (2009-2012)

Member, City of Salisbury Building Board of Adjustments and Appeals (1995- 2013)

Member, City of Salisbury Downtown Riverfront Development Review Committee (A technical advisory committee to the City Council) (1995-1998)

HONORS/AWARDS:

Top 100 MBE in Maryland 2007

State of Maryland Governor's Citation for excellence, and continuous contributions to the Maryland business community and to the economy, August, 2006

State of Maryland Governor's Citation for excellence and distinguished service, November, 1993

American Institute of Architects Certificate of Scholastic merit Award, for excellence in the study of Architecture, April 1989.

Milton Love Award- Tuskegee University- Tuskegee Alabama, 1988.

Edward L. Pryce Award, Tuskegee University, AL. 1987

DR. MAURICE CHIKE NGWABA'S SELECTED PROJECTS EXPERIENCES

A. PROJECT PLANNING, PROGRAMMING & FEASIBILITY STUDIES

1. Master Planning University of Maryland Eastern Shore (UMES) 1991-2001, 1996 – 2006, 2002-2012, and 2008-2018 Edition
2. UMES utilities Master Plan project (1998- 2008)
3. Digitization of all Campus facilities, amenities, and utilities including topographic mapping all the 707 Acres of land. (1998)
4. Coastal Ecology Teaching/Research building (\$4.680,000)
5. Social Science, Education & Health Science Building, UMES, Princess Anne, MD. 2001 (\$36,600,000)
6. Harriet Tubman Coalition, Inc. Headquarters Addition/Renovation, 424 Race Street, Cambridge, MD. 1995 (\$450,000)
7. Bed & Breakfast Museum, Bucktown, Dorchester County, MD 1995 (\$400,000)
8. Great Blacks in Wax Museum proposed building (\$6,300,000)
9. Students Services Center, UMES, Princess Anne, MD (\$32,000,000)
10. Food Science and Technology Center, UMES, Princess Anne, MD (\$15,000,000)
11. Airway Science Building, UMES, Princess Anne, MD (\$800,000)
12. Physical Plant/Central Receiving Building, UMES (\$7,500,000)
13. 25 Unit (600 Bed) Student Residence Complex, UMES, Princess Anne, MD.
14. 300 Bed New Residence Hall, UMES, Princess Anne, MD (\$7,500,000)
15. Somerset Hall Building Renovation program, UMES, Princess Anne, MD

B. SITE IMPROVEMENT & UTILITIES

1. UMES Site Improvement projects Phase I, IIA, IIB, & IIC, Princess Anne, MD. (\$6,000,000)
2. Furnishing and Installation of New Telecommunication System, UMES, Princess Anne, MD, 1992 (\$2,500,000)
3. Water Improvement project, UMES, Princess Anne, MD, 1990 (\$260,000)
4. UMES Water Tower project UMES, Princess Anne, MD, 1990 (\$600,000)

5. Sewer Main Replacement along Manokin River with Town of Princess Anne (\$700,000)
6. Installation of 4 Irrigation wells, UMES, Princess Anne, MD, 1999 (\$250,000)
7. Installation of Irrigation system in the outfields UMES, Princess Anne, MD, 1999 (\$100,000)
8. Installation of outdoor lighting around backbone road UMES, Princess Anne, MD, 1992(\$200,000)
9. UMES Bus Shelter & Police Booths, Princess Anne, MD, 1997/98 (\$30,000)
10. Installation of Ornamental Fence to the Students Residential complex, UMES, Princess Anne, MD, 1992 (\$118,000)
11. Installation of Telephone cables to Kiah Hall, UMES, Princess Anne, MD, 1991, (\$50,000)
12. Repair/Resurfacing of Farm Roads, UMES, Princess Anne, MD, 1993 (150,000)
13. Water Management System for Nebo Road, Wicomico County. (a cooperative project management between UMES and the Soil Conservation Service), 1993 (\$100,000)
14. Central Heating Plant upgrade and Boiler Replacement, UMES, Princess Anne, MD, 1994 (\$931,000)

C. EDUCATIONAL BUILDINGS

1. Kiah Hall Building (Math's, computer, Business and Physical therapy program building) UMES, Princess Anne, MD 1992 (\$5,000,000)
2. Bird Hall Admission Building renovation UMES, Princess Anne, MD, 1990 (\$1,000,000)
3. Henson Center (Human Ecology, Interior Design, and Hotel Restaurant and Hospitality Building) 1994 (\$14,000,000)
4. Social Science, Education & Health Science Building, UMES, Princess Anne, MD. 2001 (\$36,600,000)
5. Wilson Hall Renovation, UMES, Princess Anne, MD 1994. (\$1,000,000)
6. Students Development Center renovation, UMES, Princess Anne, MD, 2007. (\$600,000)
7. Addition and Renovation of Douglass Library, UMES Princess Anne, MD 1995, (\$7,760,000)
8. UMES Temporary Classroom #1 & #2, UMES, Princess Anne, MD, 1997 (\$178,000)

9. Airway Science Building, UMES, Princess Anne, MD (\$800,000)
10. Exterior upgrade of the Physical Plant building using EIFS, UMES, Princess Anne, MD.1992 (\$35,000)
11. Trigg Hall Window replacement, roof and exterior upgrade, UMES, Princess Anne, MD, 1999 (\$800,000)
12. Four Prototype Libraries, Dekalb County, GA. 1989/90
13. Students Services Center, UMES, Princess Anne, MD (\$32,000,000)
14. Food Science and Technology Center, UMES, Princess Anne, MD (\$15,000,000)
15. UMES Modular Classrooms, UMES, Princess Anne, MD 1999 (\$1,000,000)

D. RESEARCH BUILDINGS

1. Carver Hall Science Building, UMES, Princess Anne, MD, 1992 (\$6,700,000)
2. Hydroponics Facility (2.5 Acres of Rose Greenhouse), UMES, Princess Anne, MD. 1998 (\$3,200,000)
3. Food Science & Technology center, UMES Princess Anne, MD, 2001, (\$15,000,000)
4. Richard Hazel Hall, UMES, Princess Anne, MD. 2004 (\$36,600,000)
5. Crop & Aquaculture Building, UMES, Princess Anne, MD, 1990 (\$250,000)
6. Swine research and Reproduction facilities, UMES, Princess Anne, MD, 1995. (\$3,400,000)
7. Soybean research Building Replacement facility and Addition to Crop & Aquaculture Facility, UMES, Princess Anne, MD, 1998 (\$2,000,000)
8. Farm Buildings renovation, UMES Princess Anne, MD, 1992 (\$300,000)
9. Trigg Hall Research Labs renovation, UMES, Princess Anne. MD 1992 (\$300,000)
10. Trigg Hall Research Labs renovation, UMES, Princess Anne. MD 2000 (\$800,000)
11. Renovation of two Green House Structures attached to the Soybean Research Building, UMES, Princess Anne, MD, 1994 (\$70,000)

E. RECREATIONAL FACILITIES

1. Physical and Health Education Building, UMES, Princess Anne, MD, 1998 (\$18,000,000)
2. Construction of the Baseball Dugout/Spectator stand and the engineering of the playing fields. UMES, Princess Anne, MD, 1990 1992 (\$250,000)
3. Replacement of Grandstands, and construction of new Press Box at Hawks Stadium, UMES, Princess Anne, MD, 1992 (\$140,000)
4. Retrofit of Telescopic Bleachers at Tawes Gymnasium, UMES, Princess Anne, MD, 1993 (\$20,620)
5. Resurfacing of Athletic Tracks and Events area, UMES, Princess Anne, MD, 1990 (\$118,000)
6. Dekalb memorial recreation facility renovation, Dekalb County, GA, 1989

F. ELEMENTARY SCHOOLS

1. Early Childhood Building Renovation (Nursery School), UMES, Princess Anne, MD. 1996 (\$75,000)
2. Clark County Elementary School, Athens Georgia 1989
3. Concord Elementary School, Jefferson County, Al. 1987
4. Oak Groove High School Addition, Birmingham, AL 1987
5. Brown Mill Elementary School, Athens, GA 1989

G. RESIDENTIAL BUILDINGS

1. New 300 Bed Residence Hall, UMES, Princess Anne, MD, 1999 (\$12,500,000)
2. Student Residential Complexes (600 beds), university of Maryland Eastern Shore, Princess Anne, MD., 1991 (\$8, 310,000)
3. Murphy Hall and Hartford Hall Renovation, UMES, Princess Anne, MD, 1992 (\$5,600,000)
4. Plaza Residence Hall (150 Bed), UMES, Princess Anne, MD, 1996 (\$2,800,000)
5. Court Plaza Residence Hall (150 Bed), UMES, Princess Anne, MD, 1997

(\$2,810,000)

6. Renovation of 6 Student Apartment Dormitories, UMES, Princess Anne, MD, 1997, 98, 99 (\$2,250,000)
7. Renovation of Wicomico Hall, Nuttle Hall, and Murphy Hall Annex, UMES, Princess Anne, MD, 1994 (\$50,000)
8. The Hayward House Renovation (1890s) Princess Anne, MD 1998 (\$100,000)
9. Various Customized residences and renovations (1990- 2006) (\$3,000,000)

H. CHURCHES, MUSEUMS, HEALTH, & CORRECTIONAL FACILITIES & COMMUNITY BUILDINGS

1. Somerset Hall Renovation for Pharmacy Program, UMES, Princess Anne, MD 2010 (\$7.5M)
2. American Legion “Spirit of Democracy” Post # 145, Salisbury, MD. (2006) (\$1,500,000)
3. St Luke’s United Methodist Church, Cambridge, MD (\$1,900,000) (2005)
4. St James United Methodist Church, Westover, MD. 2000 (\$1,500,000)
5. St James Free Methodist Church, Head off Creek Road, Quantico, MD 2002 (\$700,000)
6. Salisbury Seventh Day Adventist Church, Salisbury MD, 2000 (\$700,000)
7. Ngwa National Organization, USA Convention Center, ABA Nigeria. 2007 (\$2,000,000)
8. Shining Star AME Church, Salisbury, MD (\$200,000)
9. Project Sisterhood Facility, Salisbury, MD 2000 (\$250,000)
10. Stanley Institute Historical Restoration, Bayly Road/Rt. 16, Cambridge, Dorchester County
11. Metropolitan United Methodist Church, Princess Anne, MD, 1994 (\$50,000)
12. St Mary’s A.M.E. Church, West point Road, Princess Anne, MD, 1996 (\$ 120,000)
13. Construction Management for the Fasset Maggee Community Health Center, Cambridge, MD 1995
14. Bethel A.M.E Church renovation, Pine Street, Cambridge, MD (1995)

15. Juvenile Detention Center, Jefferson County, AL. 1987
16. Simpson Street Church of Christ, Atlanta, GA 1989
17. Hopewell Baptist Church addition/renovation, Birmingham, AL, 1987
18. Rice Baptist Church Renovation Birmingham Al.1987
19. New Israel Independent Church, Birmingham, AL, 1988

I. INDUSTRIAL & COMMERCIAL BUILDINGS

1. Prince George's County Government: Glendale Snow and Leaf Maintenance Facility Renovation 2005 (\$800,000)
2. Laurel Volunteer Fire Department #10 water infiltration upgrade, Laurel Maryland, 2005 (\$250,000)
3. Prince George's County Government: ADA renovations at Greenbelt, Hillcrest Heights, and Riverdale Libraries, 2003
4. Replacement Forestry Field Office Somerset County, State of Maryland Department of Natural Resources, Managed by Department of General Services, Baltimore, MD, 2006 (\$264,000)
5. Town of Princess Anne Industrial Building, Princess Anne, MD, May 1995 (\$230,000)
6. City Center (Suites Renovation), 213 W Main Street, Salisbury, MD
7. Pizza Plus building addition/renovation, Mt Hermon road, Princess Anne, MD. (\$50,000)

J. ROOF REPLACEMENTS

1. W. Lanham Hills VFD #28, Lanham, MD. 2002 (\$100,000)
2. Chillum- Adelphi, Seat Pleasant, Riverdale Heights, and Upper Marlboro Volunteer Fire Departments buildings Roof replacement projects for the Prince George's County Government, MD. 2000 (\$500,000)
3. Replacement of roof at Banneker, Spaulding, & Tanner Buildings and 6 Student Apartment buildings, UMES, Princess Anne, MD 1992 (\$140,000)
4. Replacement of roof to Ella Fitzgerald Performing Arts Center, and Thomas and Briggs Building. UMES, Princess Anne, MD, 1994 (\$156,000)
5. Murphy Hall Annex roof replacement, UMES, Princess Anne, MD, 1995 (80,000)

6. Presidents House slate roof replacement UMES, Princess Anne, MD, 1996 (\$65,000)
7. Elaine Bennett's residence roof replacement and exterior upgrade using EIFS, Cambridge, MD, 1995 (\$15,000)
8. Prince Georges County Government: Roof replacement at Department of Public works and Transportation, Darcy Road
9. Prince Georges County Government: Roof replacement at Calverton VFD # 41, 3939 Powder Mill Road, Beltsville, MD 20705-3543
10. Prince Georges County Government: Roof replacement at Cora B Wood Center, Brentwood, MD 20722, 2005
11. Prince Georges County Government: Roof replacement at Clinton VFD # Woodyard Road, Clinton, MD (2005)
12. Prince Georges County Government: Roof replacement at Ritchie VFD # , Ritchie Marlboro Road, Ritchie, MD (2006)