

Professor Samuel C.O. Ugbolue

Place & Date of Birth: Issele-Uku. Aniocha North LGA, Delta State, July 6, 1945

Degrees

Ph.D	University of Strathclyde, Glasgow, Scotland, U.K., 1974
MSc	University of Strathclyde, Glasgow, Scotland, U.K., 1971
CText, ATI	College of Technology and Design, Blackburn, England, U.K. & The Textile Institute, Manchester, England, U.K. 1968



Academic Experience

1998 - present	Professor, University of Massachusetts, Dartmouth, Department of Materials and Textiles,
Oct. 1992 - Dec 1997	Professor and Deputy Vice Chancellor (Administration), Federal University of Technology, Owerri, Nigeria..
Oct 1989 - June 1992	Professor and Dean of Postgraduate School, Federal University of Technology, Owerri, Nigeria
Oct. 1988 - Sept. 1989	Association of Commonwealth Universities Fellow and Visiting Professor University of Manchester Institute of Science and Technology (UMIST), UK
May 1985 - Sept. 1988	Professor and Dean School of Sciences Federal University of Technology, Owerri, Nigeria.
Oct. 1983 - Sept. 1988	Tenured Full Professor of Polymer Science and Textile Technology & Director of Chemical Sciences and Technology Programs, FUT, Owerri, Nigeria
Sept. 1981 - Sept. 1983	Reader (Associate Professor) & Program Coordinator Polymer and Fiber Science and Technology Federal University of Technology, Owerri, Nigeria.
Oct 1980 - Sept 1981	Senior Lecturer, & Ag. Head, Department of Textile Science and Technology Ahmadu Bello University, Zaria, Nigeria.
Oct. 1978 - Sept 1980	Senior Lecturer in Polymer Science and Technology, Department of Chemistry, Ahmadu Bello University, Zaria, Nigeria.
Oct. 1976 - Sept. 1978	Lecturer 1, Department of Chemistry, Ahmadu Bello University, Zaria, Nigeria..

Industrial Experience

1974 - 1976	Textile Research Chemist, Burlington Industries Inc. Klopman Mills (Dyeing and Finishing Division), Altavista, Virginia, USA.
June - Sept. 1970	Project Leader, Courtaulds Ltd. Westcroft Mills, Bradford 7, England, U.K.
July 1968 - Sept. 1969	Industrial Engineer, Courtaulds Ltd, Westcroft Mills, Bradford 7, England, U.K.

Awards and Honors

Fellow of the Textile Institute, Manchester, UK,	1981
Foundation Fellow of the Polymer Institute of Nigeria,	1990
Chairman, The Textile Institute Eastern Zone of Nigeria,	1990-1997
Chairman, Professional Council, Polymer Institute of Nigeria,	1990-1997

Professional Activities

Have been involved in many sponsored research grants from the US National Textile Center, STEP & Advanced Technology Manufacturing Center, UMassD; US Department of Education. Member, American Chemical Society, Polymeric Materials Division; Member, American Institute of Chemical Engineers, AIChE; Member, American Society for Engineering Education, ASEE; Member, Materials Research Society, USA; Chartered Member and Associate of the Textile Institute, Manchester, UK; Member, American Association of Textile Chemists & Colorists (AATCC).

Reviewer: (i) Nigerian Journal of Science and Technology, (ii) Indian Journal of Fiber and Textile Research, (iii) Journal of The Textile Institute, UK, (iv) Journal of Applied Polymer Science, USA, (v) Polymer, UK, (vi) Textile Research Journal, USA.

Consultant to many US polymer and textile manufacturers;

Chairman, First Baptist Church of New Bedford, MA, Preservation of the Historic Building Committee

Formerly Chairman, Standards Organization of Nigeria Technical Committee on Textiles

Formerly President, Aniocha Development Union, Owerri, Imo State Nigeria

Formerly President, Kiwanis Club of Owerri, Imo State, Nigeria..

Professional Interests

Teaching: Polymer Chemistry, Polymer and Fiber Science, Materials Processing and Properties, Yarn and Fabric Manufacture, Mechanics of Fibrous Structures, Environmental Chemistry & Business.

Research: Nanofibers, electrospinning, dyeable polyolefins via nanotechnology, auxetic textile structures and composites, barrier fabrics, industrial and medical polymeric materials, Process-Structure- Property relationships.

Publications:

Author of more than 100 refereed research papers including four books, several book chapters, conference proceedings and international presentations and US Patent No. 6,646,026 November 11, 2003.