

BRIDGED RESUME OF DR. SAVIOUR UMOREN



Dr. Umoren is a polymer and materials scientist with internationally recognized teaching and research skills. He obtained his BSc in Applied Chemistry from the University of Jos, Nigeria in 1990 and MSc in Polymer Science and Engineering and PhD in Polymer Science from the Federal University of Technology, Owerri, Nigeria in 1997 and 2008 respectively. He was a Postdoctoral Research Fellow at State Key Laboratory for Corrosion and Protection, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China courtesy of TWAS – CAS Postdoctoral Research Fellowship award from May 2009 – April 2010 and a visiting researcher at Research Institute of Theoretical and Applied Physical Chemistry (INIFTA), La Plata, Argentina courtesy of TWAS – UNESCO Associateship appointment

Dr. Umoren has been a Lecturer and Researcher at the Department of Chemistry, University of Uyo, Nigeria. He has been the Head of Department of Chemistry, University of Uyo for two years. His teaching interests include General Chemistry, Introductory Organic Chemistry, Polymer Chemistry, Polymer Technology, Industrial Chemical Process and Industrial Chemical Technology courses at the undergraduate level and Polymer Synthesis, Polymer Processing and Characterization and Polymer Reactions and Solution courses at postgraduate level. Presently Dr. Umoren is with Centre of Research Excellence in Corrosion (CoRE-C) of the Research Institute, King Fahd University of Petroleum & Minerals, Dhahran, Kingdom of Saudi Arabia as a Research Scientist.

His research interest covers wide area including:

- Electrochemical investigation of corrosion phenomena in different aqueous aggressive environments.
- Development of environmentally friendly corrosion inhibitors from biomass extracts.
- Predicting corrosion inhibition mechanisms of nanocrystalline metals and alloys.
- Interface characterization, including adsorption and biosorption studies.
- Polymer synthesis and characterization/ Additives in polymer.
- Organic coatings
- Development of polymer based scale/corrosion inhibitors for carbonate reservoirs steam-flood wells.

Dr. Umoren has authored/co-authored over 60 papers in refereed journals and conference proceedings. He is a member of Editorial Board of American Journal of Chemistry, a publication of Scientific and Academic Publishing, USA as well as International Scholarly Research Network (ISRN) Corrosion. He has been a reviewer of over 30 international reputable journals including Corrosion Science, Industrial and Engineering Chemistry Research, Journal of Applied Electrochemistry, Journal of Solid State Electrochemistry, Chemical Engineering Communications amongst others.