



BOARD REPORT

3 Year Contract for Christian E. Madu Professor of Chemistry Full-time Faculty at Collin since 2009

Education

Institution	Degree	Major
University of Texas at Arlington	Doctor of Philosophy	Organic Chemistry
University of Lagos, Nigeria	Master of Science	Organic Chemistry
University of Lagos, Nigeria	Bachelor of Science	Chemistry

Prior Work Experience

Job Title	Organization Name	Date of Employment
Associate Professor	Collin College	2009
Postdoctoral Research Fellow	Lehigh University, Bethlehem, PA	2007-2008
Adjunct Professor	Tarrant County College	2007

Professional Development and Publications

- Attended, American Chemical Society 104th Conference of the Two-Year College Chemistry Consortium, Spring 2014
- Attended, Competency-Based Learning Symposium, Spring 2014
- Co-Authored, "Understanding the Photochemical Pathway of In Vitro Target Delivery of Aluminum Phthalocyanine: A Mechanistic Approach to Using Radical Reaction Chemistry," published in ChemPlusChem, 2014, v79, 671-679, Spring 2014
- Co-Authored, "Red-Shift Index Concept in Solvent-effect of Chromophore-Substituted Metallophthalocyanines: A Look at the Empirical Relationship of Macromolecular Properties of the Solute-Solvent Interactions," submitted for publication in ChemPlusChem, 2014
- Attended, "Increasing Student Engagement in Organic Chemistry by Using a Skill-based Approach," webinar by Dr. David Klein of Johns Hopkins University via the Wiley Faculty Network, Spring 2013
- Attended, Chemical & Engineering News Webinar Series: "Pushing the limits of Light Scattering Detection for Biotherapeutic Characterization," and "Nuclear Magnetic Resonance (NMR) in Chemistry Education," 2014
- Attended, Chemical & Engineering News Webinar Series: "Benefits of Using Capillary Ion Chromatography," "Making NMR Accessible: Benchtop NMR Spectroscopy in the Classroom," "Benefits of Using Capillary Ion Chromatography (IC) Part 2: Determination of Bromate and Perchlorate in Drinking Water and Bottled Water by 2D-IC Using Capillary IC," and "Benefits of Using Capillary Ion Chromatography, Part 3: Determination of Inorganic Ions in Municipal Drinking Water and Wastewater by High Pressure Capillary IC," 2013
- Attended, Chemical & Engineering News Webinar Series: "Benefits of Using Capillary Ion Chromatography," Fall 2012

College Service and College-Related Community Service

- Served, Faculty Search Committee in Chemistry, Spring 2014
- Served, Collin Serves Committee, 2012-2013
- Served, Distinguished Speaker Series Committee, 2012-2013
- Served, General Chemistry Textbook Selection Committee, 2013-2014
- Served, Welcome Week, "Need Help? Ask Me!" Volunteer, 2012-2014
- Presented, Chemistry Session at Frisco ISD Mindbenders Academy, Summer 2012, Summer 2013
- Coordinated, Chemistry Faculty Tutoring Schedule, 2012-2014
- Mentored, Associate Faculty Members in Chemistry, 2012-2014
- Co-Authored, "Solution Experiment" for Introduction to Chemistry Lab, 2014
- Co-Authored, "Determination of Molar Mass by Boiling Point Elevation of Urea Solution," for General Chemistry II Lab, Fall 2012