

## CURRICULUM VITAE

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## EDUCATION

1990-1991: Postdoctoral Research (Clinical Chemistry and Toxicology Labs); Medical College of Virginia/Virginia Commonwealth University.

1990: Ph. D. in Chemistry; The University of Rhode Island.

1984: MS in Chemical Oceanography; Florida Tech.

1981: MS in Chemistry; University of Abidjan, Ivory Coast(IC).

1981: Certificate in Metabolic and Structural Biochemistry; University of Abidjan, IC.

1980: BS in Chemistry; University of Abidjan, IC.

1979: AS in Chemistry, Math, and Physics; University of Abidjan, IC.

## Teaching Experience

2002-present: Professor of Chemistry, North Lake College, Irving, Texas

2005-2014: Professor of Chemistry and Coordinator of the Chemistry Department, North Lake College, Irving, Texas

2004-present: Adjunct Professor of Chemistry, Tarrant County College, South-East Campus, Arlington, Texas

2017 (August)-2017 (December): Adjunct Professor of Chemistry, Collin College, Spring Creek Parkway campus, Plano, Texas

1991-2002: Professor of Chemistry, Alabama School of Mathematics and Science. Mobile, Alabama

1991-2002: Adjunct Professor of Chemistry, University of South Alabama, Mobile, Alabama

2001-2002: Adjunct Professor of Chemistry, George Wallace Community College, Mobile Campus.

1995-1999: Summer Guest Lecturer of Chemistry, Spring Hill College, Spring Hill, Mobile, Al.

1992-1994: Adjunct Professor of Chemistry, Faulkner State Community College.

1992: Summer Research in Coordination Chemistry, Chemistry Department, The University of South Alabama.

1990-1991: Adjunct Professor of Chemistry; J. Sergeant Reynolds Community College, Richmond, VA.

1985-1990: Instructor of Chemistry, University of Rhode Island at Kingston, RI.

1985-1990: Instructor of Chemistry, University of Rhode Island at Providence, RI.

## **COURSES TAUGHT**

- Allied Health Chemistry + Labs
- Online Chemistry using Blackboard
- Fast-track College General Chemistry I + II + Labs
- Fast-track College Organic Chemistry I + II + Labs
- College Organic Chemistry I + II + Labs
- Introductory College Chemistry + Labs
- General College Chemistry I and II + Labs
- Intermediate College Chemistry + Labs
- Applied Chemistry + Labs
- Directed Studies/Special Topics (Chemical Kinetics, Quantum Mechanics, Analytical Chemistry (Quantitative Analysis and Instrumentation), and General Spectroscopy.
- Multimedia/Virtual Chemistry Laboratory
- Advanced College Chemistry + Labs
- Nuclear Chemistry
- Webct online General Chemistry
- Environmental and Consumer Chemistry
- Introductory College Organic Chemistry + Labs

## **PUBLICATIONS, PRESENTATIONS, AND MEETINGS:**

1. K. I. Kouadio, "General Chemistry I Lecture Templates" Kendall Hunt Publishing Company, 4<sup>th</sup> edition. 2018. ISBN 978-1-5249-7371-1.
2. K. I. Kouadio, "General Chemistry II Lecture Templates" Kendall Hunt Publishing Company, 4<sup>th</sup> edition. 2018. ISBN 978-1-5249-7372-8
3. March 1 – 3, 2018: TCCTA 71<sup>st</sup> Annual Convention, Frisco, TX
4. K.I. Kouadio, "Organic Chemistry I Lecture Templates" 3<sup>rd</sup> ed. Kendall Hunt Publishing Company. 2016 ISBN 978-1-4652-9529-3.
5. K.I. Kouadio, "Organic Chemistry II Lecture Templates" 3<sup>rd</sup> ed. Kendall Hunt Publishing Company. 2016. ISBN 978-4652-9530-9.
6. Feb. 23– 25, 2017: TCCTA 70<sup>th</sup> Annual Convention, Austin, TX
7. Feb. 25 – 27, 2016: TCCTA 69<sup>th</sup> Annual Convention, Houston, TX
8. Feb 19 – 21, 2015: TCCTA 68<sup>th</sup> Annual Convention, Dallas, TX
9. Feb. 6 – 8, 2014: TCCTA 67<sup>th</sup> Annual Convention, San Antonio, TX
10. K. I. Kouadio, "General Chemistry I Lecture Templates" Kendall Hunt Publishing Company, 3rd edition. 2013. ISBN 978-1-4652-1310-5.
11. K. I. Kouadio, "General Chemistry II Lecture Templates" Kendall Hunt Publishing Company, 3rd edition. 2013. ISBN 978-1-4652-1309-9
12. March 1 – 3, 2012: TCCTA 65<sup>th</sup> Annual Convention, Frisco, TX
13. K.I. Kouadio, "Organic Chemistry I Lecture Templates" 2<sup>nd</sup> ed. Kendall Hunt Publishing Company. 2009, 2011 ISBN 978-0-7575-9111-2.
14. K.I. Kouadio, "Organic Chemistry II Lecture Templates" 2<sup>nd</sup> ed. Kendall Hunt Publishing Company. 2009, 2011. ISBN 978-0-7575-9112-9.
15. March 4 -6, 2010: TCCTA 63<sup>rd</sup> Annual Convention, Houston, TX.
16. February 19-21, 2009: TCCTA 62<sup>nd</sup> Annual Convention, Austin, TX.
17. K. I. Kouadio, "Organic Chemistry I Lecture Templates" Kendall Hunt Publishing Company. 2009. ISBN 978-0-7575-7095-7.
18. K. I. Kouadio, "Organic Chemistry II Lecture Templates" Kendall Hunt Publishing Company. 2009. ISBN 978-0-7575-7097-1.
19. February 21-23, 2008: TCCTA 61<sup>st</sup> Annual Convention, Dallas, TX.
20. K. I. Kouadio, "General Chemistry I Lecture Templates" Kendall Hunt Publishing Company, second edition. 2008. ISBN 978-0-7575-5589-3.
21. K. I. Kouadio, "General Chemistry II Lecture Templates" Kendall Hunt Publishing Company, second edition. 2008. ISBN 978-0-7575-5758-3.
22. February 22-24, 2007: TCCTA 60<sup>th</sup> Annual Convention, Austin, TX.

23. K. I. Kouadio, "General Chemistry Lecture Templates" Kendall Hunt Publishing Company. 2005. ISBN 978-0-7575-5589-3.
24. February 19-21, 2005: TCCTA 58<sup>th</sup> Annual Convention, Austin, TX.
25. February 19-21, 2009: TCCTA 57<sup>th</sup> Annual Convention, Fort Worth, TX.
26. Guest Speaker, Birmingham Southern University, Chemistry Department, April 1995.
27. N. W. Hoffman, I. Kouadio, M. L. Kwan, W. L. Marshal, J. M. McGilvray, and B. C. Söderberg, "Kinetics of Metathesis of the Weakly Coordinating Anions  $\text{NO}_3^-$  and  $\text{O}_2\text{PF}_2^-$  in  $n^5$  -  $\text{CpRu}(\text{CO})(\text{L})\text{X}^n$ ", *Gordon Research Conference on Organometallic Chem.* Newport, RI, June 1993.
28. Y. Sun, L.J. Kirschenbaum, and I. Kouadio, "Kinetics and Mechanism of Multi-step Oxidation of Ethylenediaminetetracetate by  $[\text{Ag}(\text{OH})_4]^-$  in Alkaline Media", *J. Chem. Soc. Dalton Trans.* 1991, 2311.
29. I. Kouadio, L.J. Kirschenbaum, R.N. Mehrotra, and Y. Sun, "Silver(III) Oxidation of the DL-mandelate Ion", *J. Chem. Soc. Perkins Trans. 2*, 1990, 2123.  
Guest Speaker, Washington University Saint Louis, Department of Clinical Chemistry, March 1990.
30. Guest Speaker, Medical College of Virginia/Virginia Commonwealth University, April 1990.
31. L. J. Kirschenbaum, I. Kouadio, and Y. Sun, "Reactions of the Tetrahydroxyargentate(III) Ion with some Organic Substrates" , *200th ACS National Meeting*, Sept. 1990, Washington D.C. Abstract #237.
32. I. Kouadio, "A Kinetic and Mechanistic Investigation of the tetrahydroxosilver(III) Redox Reactions with Sulfite, Iodide, and DL -Mandalate Ions", 1990, Ph.D. Dissertation. The University of Rhode Island, 164p.
33. L.J. Kirschenbaum, I. Kouadio, R.N. Mehrotra, and Y. Sun, "The Oxidation of Iodide and Thiocyanate Ions by Silver(III) *198th ACS National Meeting*, 1989, Miami Beach, Fl. Sept. 10-15. Abstract #189.
34. I. Kouadio, L.J. Kirschenbaum, and R.N. Mehrotra, "The Oxidation of Iodide by the Tetrahydroxyargentate(III) Ion in Aqueous Alkaline Media", *J. Chem. Soc. Dalton Trans.* 1990, 1929.
35. L.J. Kirschenbaum, I. Kouadio, and E. Mentasti, "Kinetics of the Reduction of the Tetrahydroxyargentate(III) Ion by Sulphite in Aqueous Alkaline Media", *Polyhedron*. 1989, 10, 1299.
36. L.J. Kirschenbaum, K.I. Kouadio, R.K. Panda, E. Mantasti, "Reduction of the Tetrahydroxyargentate(III) Ion by Sulfite and Thiourea" *197th ACS National Meeting*, 1988, Sept. 25-30, Los Angeles, Abstract #206.
37. I. Kouadio and J.H. Trefry, "Sediment Trace Metal Contamination in the Ivory

Coast West Africa", *Water, Air, and Soil Pollution*. 1987, 2, 145.

38. I. Kouadio, " A Comparative Study of Trace Metals in Coastal Lagoons of the Ivory Coast and Florida", 1984, MS Thesis, Florida Institute of Technology.