
Peter Abeta Iyere

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Dear Search committee members:

I am writing to express my interest in the position of Dean, College of Science and Health at your Institution that was posted in The Chronicle of Higher Education. My skills and education align with the characteristics of this position and I am an experienced and effective academic leader, researcher and instructor with extensive accomplishments. My vast expertise in educational leadership and management in public and private institutions will enable me to effectively interact with a diverse community of faculty, staff and students. I hope this letter and the attached documents will attest to my strengths, perceptions and general qualifications for this position.

At Vincennes University where I currently serve as the Dean of Science and Mathematics Division I focus on helping faculty to interact more effectively with traditional, nontraditional, young and adult students. I have been able to create synergies with other institutions and businesses and infused academic quality control across all disciplines to promote academic excellence. I have reorganized the curriculum that consisted of over 100 concentrations into a coherent program of four majors with relevant concentrations grouped under each major. This reorganization has not only made the curriculum more student-friendly but has protected essential concentrations such as physics that have inherently low enrollment from closure. I have instituted various activities to boost faculty morale and productivity. I successfully directed the development of a two-semester pharmacy technician certificate program and a two-semester certificate program in dental hygiene in response to statewide need for trained personnel in these areas. Vincennes University is preparing for reaffirmation of accreditation by North Central and I am a key member of the steering accreditation committee.

While I was at Chapman University (a private institution) as a tenured full professor and Chair of the Department of Physical Science I was in charge of both undergraduate programs in physical Science and a graduate (MS degree) program in food science. I directed the reorganization of the programs in a way that enabled us to seek accreditation of the chemistry program by the American Chemical Society. I also directed the development of two interdisciplinary BS degree programs (biochemistry and environmental science). I conducted program review and learning outcome assessment in preparation for chemistry program accreditation and reaffirmation of institutional accreditation by Western Association of Schools and Colleges (WASC).

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At Tennessee State University (a public institution), I led a team that obtained a Packard Foundation grant to enhance recruitment of minorities into science, technology, engineering and mathematics (STEM) areas. At the University of Arkansas (also a public institution) where I was the chair of chemistry and physics Department, I teamed up with the Vice Chancellor and others to secure a \$2.5m STEM grant from the National Science Foundation (NSF).

My administrative experience in academia dates back to 1982 when I served as the founding head of Department of Chemistry at Ondo State University that was established that same year. Since then, I have attended various seminars, conferences, workshops, webinars and short courses on higher education administration to hone my leadership and administrative skills. I recently completed a Summer Fellow program in "Higher Education Management" at Vanderbilt University, Nashville, Tennessee. The Summer Fellows received instructions in institutional leadership, implementing change, enrollment management, financial benchmarking, fund raising in higher education, and other related issues.

Consequently, I am experienced in budget development and fiscal management, institutional strategic planning, assessment and accreditation, faculty hiring, mentoring, evaluation and tenure decisions, collaboration with student affairs and other entities within and outside the institution and development and implementation of articulation agreement. I am deeply committed to improving undergraduate education through service-learning (ref <http://pubs.acs.org/doi/abs/10.1021/ed085p1604>) in a shared governance system.

My management principles have always been to administer resources according to established values in ways that inspire trust and demonstrate my commitment to personal integrity and responsibility. Accordingly, I use my conceptual, scientific and people skill to create understanding, solve problems and implement unit's strategic plan in accordance with the mission and vision of the institution. My strengths are rooted in my commitment to personal integrity that demonstrates ethical leadership beyond professional responsibilities, ability to bring focus and value to life every day, belief in shared governance and consensus building and ability to utilize people's strength and support change.

As an administrator I have endeavored to improve program quality and visibility while ensuring that students, faculty, staff, and the community receive excellent service. I have demonstrated experience collaborating with different entities within and outside the institution, managing multiple projects, working effectively with diverse sponsors, stakeholders, faculty, staff and students, and efficiently managing financial and technical resources in search of academic excellence.

I sincerely hope that the above synopsis of my ability to work and provide leadership in a wide-ranging academic environment have rendered evidence for my credibility for this position. I can be reached through any of my contact information at the top of this letter.

Sincerely yours,

Peter A. Iyere

PETER ABETA IYERE, Ph.D.

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EDUCATION

Ph.D., Inorganic Chemistry & X-ray Crystallography, **1991**
Brandeis University, Waltham, Massachusetts

MA, Inorganic Chemistry & X-ray crystallography, **1989**
Brandeis University, Waltham, Massachusetts

MS, Analytical Chemistry, **1982**
University of Ibadan, Ibadan, Nigeria

BS, Honors, Chemistry, **1980**
University of Ibadan, Ibadan, Nigeria

Other Relevant Training

2011 Summer Fellow: Peabody Professional Institute for Higher Education Management,
Vanderbilt University, Peabody College of Education and Human Development.

ACADEMIC EXPERIENCE

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|---|---|--------------|
| Dean, Science and Math Div <i>Administration</i> | Vincennes University, Vincennes, Indiana | 2008-present |
| Chair & Professor, Chem. <i>Admin., research and teaching</i> | Chapman University, Orange, California | 2006-2008 |
| Chair & Professor, Chem. <i>Admin., research and teaching</i> | University of Arkansas, Pine Bluff, AR | 2003-2006 |
| Professor of Chemistry <i>Teaching and research</i> | Tennessee State University, Nashville, TN | 1992-2003 |
| Teaching/research Assistant <i>Teaching and research</i> | Brandeis University, Waltham, MA | 1985-1992 |
| Chair and Assistant Prof. <i>Admin., Research & teaching</i> | Ondo State University, Nigeria | 1982-1984 |

PROFESSIONAL ACTIVITIES

NSF-sponsored Molecular Modelling Workshop; Georgia State University, **1993**; Participant
NSF-sponsored Inorganic Chemistry Workshop; Auburn University, **1993**; Participant.
Tennessee Academy of Science 104th meeting at David Lipscomb University, Nashville, **1994**;
Technical Presentation.

Research Day, Tennessee State University, Chaired the graduate section in **1995**, engineering
undergraduate sections in **1995, 1996, 1997 and 1998**.

Technical Presentation, Department of Chemistry, Fisk University, **1995**.

ACUO-ILI proposal development workshop, **1995**; Participant
Technical Presentation, Department of chemistry, Edo State University, Nigeria, **1996**.
Reviewed proposals for Funds for the Improvement of Post Secondary Education, (FIPSE), **1997**
Reviewed proposals for the National Science Foundation (NSF-ILI) in 1997.
Co-op. Coordinator for the College of Arts and Sciences, Tennessee State University. 1996-98
Reviewed proposals for the National Science Foundation (NSF-CCLI) in 1999.
Reviewed a manuscript for International Journal of Chemical Kinetics (1999)
Reviewed a chemistry textbook "CHEMISTRY: Matter and Its Changes, by Brady, Russell and Holum, 3rd ed;
Published by John Wiley and Sons, Inc., 2000
Reviewed Chemistry: The Molecular Nature of Matter and Change by Martin Silberberg;
Published by WCB/McGraw-Hill, 1999.
Reviewed abstracts for the National Science Foundation (NSF) Catalyzed Innovations in the Undergraduate Laboratory Symposium, 2000.
Participated in the Responsible Care® Management Systems Verification of Rhodia Chemical Company under the Auspices of the American Chemistry Council, 2000.
Reviewed Cooperative Chemistry (Laboratory Manual) by Melanie Cooper (Published by McGraw-Hill (2001).
Attended Regional ACS Meeting (Nashville Section) on Thursday, March 24, 2001, at AP University and several others.
Participated in TSU 23rd annual research symposium (March 20-21, 2001)
Dental Admission Test (DAT) Item Writing Workshop; American Dental Association, Chicago, IL (September 19, 2005)
Currently serving as external advisor to two Ph.D. (chemistry) candidates at the University of Sargodha, Pakistan
Review of a dissertation entitled "Studies of the Effect of A Transition Metal Ion on Biological Activity of Some Novel Organic Compounds" submitted to the University of Sargodha in fulfilment of the requirements for the degree of Doctor of Philosophy in Chemistry by Syed Khalid Aftab (2011).
Reviewed a chapter in the textbook "Chemistry for Non-Science Majors" for "FlatWorld Knowledge" (2011).
Reviewer for the journal: "Assessment in Education: Principles, Policy & Practice" published by Routledge (Taylor & Francis Group), 2011 -

GRANTS:

Research Initiation, Supplementary Grant, Tennessee State University, **1993** (\$8,000.00).
Research Initiation, Supplementary Grant, Tennessee State University, **1994** (\$7,025.00).
Packard Foundation Grant, awarded to the College of Arts and Sciences, **1994-2003** (\$1.6m)
NSF (National Science Foundation); Instrumentation and Laboratory Improvement grant (\$13,848.00), **1997-2001**
Subcontract from Vanderbilt University for a 3-week summer program for 10th and 11th graders (\$120,000.00), **2003**.
UAPB-HBCU-UP STEM Academy Program (NSF); \$2.5m, **2004** (Team member)
Camille and Henry Dreyfus Special Grant Program in the Chemical Sciences: \$23,197.00, **2005**.
Working on a Pakistan-US joint proposal titled "Metal-Salicylates Used as Antioxidant and Anti-inflammatory Agent and as Carbonic Anhydrase Inhibitors in Cancer and Neoplastic Disease States" with Dr. Zahid of the University of Sargodha, Pakistan.

HONORS

- ❖ Teacher of the Year Finalist, 2000, Tennessee State University.
- ❖ Federal Government of Nigeria academic scholarship
- ❖ Who is Who Among America's Teachers[®], 6th Edition, 2000
- ❖ Who is Who Among America's Teachers[®], 2003.
- ❖ Who is Who Among America's Teachers[®], 2004.

SOCIETY MEMBERSHIP

America Chemical Society ACS)
American Chemical Society (SOCAL section)
Project Kaleidoscope Faculty for the 21st Century Network
International Union of Pure and Applied Chemistry
E-Assessment Association

PUBLICATIONS

Peter Abeta Iyere, Chemical Reduction of Viologen Bisphosphonate Dibromide by Aluminum Foil, Magnesium Turnings and Mossy Zinc in Dilute Aqueous Hydrofluoric Acid Solution; *Chem. Mater.* **(1995)**, 7, 2224-2226

Peter Abeta Iyere, "Sodium 2-Chlorocinamate Dihydrate: Crystal Structure and Solid State Photoreactivity", *Tennessee Academy of Science*, 70:2, **(1995)**, 36.

Peter Abeta Iyere; Reduction of Viologen Bisphosphonate Dihalide with Aluminum Foil; *J. Chem. Educ.* 73:5, **(1996)**, 455-456.

Peter Abeta Iyere, AThermochromic Properties of a Photochromic Layered Zirconium Bisphosphonate Viologen Compounds, *Synth. React. Inorg. Met-Org. Chem.* 26:7 **(1996)**, 1231-1242.

Peter A. Iyere, A. Wallace Cordes, Cassandra T. Eagle, Terrance A., Nile, George L. Schimek, William T. Pennington and Kayren Joseph. A Molecular and Supramolecular Structure of 4,4'-bipyridinium Diiodide, *Crystal Engineering*, 1:2 **(1998)**, 159-167.

Peter A. Iyere, The Development of Innovative Laboratory Experiments with UV-Visible Spectrophotometer, *J. Chem. Edu.* 2:77 **(2000)**, 153-154.

William Y. Boadi, Peter A. Iyere and Samuel E. Adunya, Protective Effect of Quercetin and Genistein on Iron and Copper Induced Oxidation in Human Leukemia U937 Cells. *American Association for Cancer Research Proceedings*, Vol. 42, **(2001)**, 865.

William Y. Boadi, Peter A. Iyere and Samuel E. Adunya, Protective Effect of Quercetin and Genistein on Iron and Copper Induced Oxidative Methyl Linolate Damage, *Tennessee Academy of Science*, 76:1, **(2001)**, 22.

Peter A. Iyere, William Y. Boadi, Roxanne S. Brooks, David Atwood, Sean Parkin; 4,4'-bipyridin-1-ium Bromide Monohydrate; *Acta Cryst.* **(2002)**, E58, 825-827.

William Y. Boadi, Peter A. Iyere and Samuel E. Adunya, Effect of Quercetin and Genistein on Iron- and Copper-induced Lipid Peroxidation in Methyl Linolate. *J. Appl. Toxicol* **(2003)**, 23, 363-369.

Peter A. Iyere, William Y. Boadi, David Atwood, Sean Parkin; Supramolecular aggregation in 4,4'-bipyridin-1,1'-ium dichloride, 4,4'-bipyridin-1,1'-ium dinitrate and 4,4'-bipyridin-1-ium bromide monohydrate; *Acta Cryst.*, **(2003)**, B59, 664-669.

Peter A. Iyere, William Y. Boadi and Lewis Ross; Bis{(E)-6-methoxy-2-[(4-methylphenyl)iminomethyl]phenolato}cobalt(II). *Acta Cryst.*, **(2004)**, E60, 304-306.

Peter A. Iyere, William Y. Boadi and Samuel Edunyah: *In vitro* Exposure of Quercetin and Genistein Alters Lipid Peroxides and Prevents the Loss of Glutathione in Human Progenitor Mononuclear (U937) Cells. *Journal of Applied Toxicology*, **(2005)**, 25, 82-88.

Peter A. Iyere, Grant W. Wangila, Kiran K. Nagothu, Richard Steward III; Renu Bhatt, William Willingham, John Sorenson, Sudhir V. Shah and Didier Portilla: Prevention of cisplatin-induced kidney epithelia cell apoptosis with a Cu superoxide dismutase mimetic. *Toxicology in Vitro*, **(2006)**, 20, 1300-1312

Peter A. Iyere: Chemistry in Sustainable Development and Global Environment. *Journal of Chemical Education*, **(2008)**, 85 (12), 1604-1606

Peter A. Iyere, Carolyn Jones and Peggy Iyere: Building Assessment into Faculty Evaluations to Document and Promote Assessment of Student Learning **(2010, Manuscript under review)**