

## OKEY

### SUMMARY

Goal-oriented team player with six years of industry experience in Analytical Research, Method Development and Quality Assurance/Control. Strong PC/spreadsheet skills, excellent multi-tasking and organizational aptitudes with working knowledge of Good Manufacturing Practices.. Proven ability to work at all levels of the organization as an effective communicator and problem-solver.

### EDUCATION

B.S. 1999, Lewis University, Romeoville, IL. Major in Biology, Minor in Biochemistry.

### PROFESSIONAL EXPERIENCE

- |  |                                |
|--|--------------------------------|
| <b>Advisory Board Member</b><br><u>Office of Research Development and Administration</u><br><u>McNair Scholars Program</u>   | 2004-present<br>Carbondale, IL |
| <ul style="list-style-type: none"><li>❖ Assisted in compiling current literature, research and information on university K-12 partnerships particularly in the Southern Illinois Science, Technology, Engineering and Math (STEM) areas.</li><li>❖ Established baseline data on K-12 partnerships that identified the successes, challenges, and specific needs of the local constituency.</li><li>❖ Created pilot programs to initiate pipelines for students with higher education aspirations.</li><li>❖ Actively recruited students and disseminated pertinent information on the McNair Scholars Program and The Minority Scholarships for Transfer Students in Science Program.</li><li>❖ Developed and implemented the infrastructure and procedures for the Louis Stokes Alliance for Minority Participation Program(LSAMP) at SIUC.</li></ul> |                                |
| <b>Quality Control Specialist</b><br><u>Ferro Pfanstiehl Pharmaceuticals</u>   | 2003-2004<br>Waukegan, IL      |
| <ul style="list-style-type: none"><li>❖ Manufactured Active Pharmaceutical Ingredients, intermediates, and excipients.</li><li>❖ Performed analytical test method development, process and cleaning validations.</li><li>❖ Initiated extraction and isolation of naturally occurring materials via ultrapurification and environmental monitoring (Total Organic Content, Conductivity, LAL, UV-Vis).</li></ul>  |                                |
| <b>Computer Skills Instructor</b><br><u>North Chicago Public Library</u>   | 2003-2004<br>N. Chicago, IL    |
| <ul style="list-style-type: none"><li>❖ Served as a consultant to instructors using network resources and facilitate positive student-tutor interaction.</li><li>❖ Recommended and coordinated improvements in the Learning Lab and maintain existing network hardware and software.</li><li>❖ Identified all problems with menus, operation of programs, and hardware conflicts.</li><li>❖ Helped students access and use the tutorials.</li></ul>  |                                |
| <b>Life Skills Consultant</b><br><u>Waukegan School District 60</u>  | 2003-2004<br>Waukegan, IL      |
| <ul style="list-style-type: none"><li>❖ High-energy teacher, counselor and mentor; engaged and developed strong rapport with students/clients inside and outside the classroom.</li><li>❖ Deeply committed to empowering each student/client to achieve their personal best in terms of academic knowledge and self-awareness.</li><li>❖ Specialized expertise in assessing and addressing at-risk and challenged students' social, and academic concerns; inclusion advocate, experienced in working with psychologically, emotionally and physically challenged populations.</li><li>❖ Shared successful "real world" experience in vocational guidance of teens and young adults.</li></ul>   |                                |

**Educator**7<sup>th</sup> and 8<sup>th</sup> grade students

2003-2004

N. Chicago, IL

Neal Math and Science Academy

- ❖ Responsible for actively monitoring students during guided and independent practices.
- ❖ Utilized thorough questioning techniques to check for student understanding.
- ❖ Encouraged active participation and high expectation of all students.
- ❖ Stated objective of class lessons and established rationale for life-long learning.
- ❖ Established closure at the end of the lesson presentations.

**Neurophysiology Consultant**Chicago Institute for Neurosurgery and Neuroresearch

2002-2003

NeuroConsult Inc.

Chicago, IL

- ❖ Performed neurophysiologic intraoperative monitoring during surgical procedures in which there was indicated risk of damage to specific neurologic structures.
- ❖ Duties were performed at various participating hospitals with surgeons during neurosurgical, spinal orthopedic, otolaryngological and neurovascular procedures.

**Research Associate I**Baxter Healthcare Corporation

2002-2003

Medication Delivery

Round Lake, IL

- ❖ Implemented manufacturing, analytical and raw material procedures using a wide variety of test methods and instrumentation thereby increasing cross-functional lab capabilities.
- ❖ Utilized operational/quality experience to train others on standard operating procedures.
- ❖ Administered laboratory evaluations using various drug methodologies: Karl Fisher titration, LOD, PXRD, DSC, Particle Size, Nanotechnology, Homogenization.
- ❖ Increased powder x-ray diffraction and differential scan calorimetry by 25%.
- ❖ Designed and executed GMP analytical method development studies for injectable formulations that improved overall laboratory operations.
- ❖ Proposed and implemented procedures that decreased average sample preparation time and served as a quality resource with the local work group.

**Research Microbiologist**The Dow Chemical Company

2001-2002

Biocides Division

Buffalo Grove, IL

- ❖ Performed anti-microbial testing utilizing various biocides to ascertain efficacy of products under evaluation. Applicable end uses of products being preserved were paints, coatings, industrial emulsions, and latex emulsions.
- ❖ Conducted routine microbiological laboratory maintenance, housekeeping and shipping.
- ❖ Skills include but are not limited to: media/broth preparation, bacterial/fungal culturing, serial dilutions, plate-pouring, streaking/reading plates, composition and documentation of all data according to established chemical/industrial regulations.
- ❖ Working knowledge of Material Safety Data Sheets, Chemical Hygiene Plan, EPA registrations, CTFA designations, FDA clearances, and GLP/GMP.

**Quality Technician**Abbott Laboratories

1999-2001

Pharmaceutical Products Division

North Chicago, IL

- ❖ Monitored stability and kinetic programs for both drug substance and drug products with a strong emphasis on chromatography and computerized data handling (HPLC, IEC, UV-VIS, LAL/bacterial endotoxin).

- ❖ Developed and validated analytical test procedures according to physical and chemical characteristics of new drugs to ensure projects were performed in order, on time, and at minimal cost.
- ❖ Verified laboratory data generated on drug products intended for human and veterinary use to ensure compliance with cGMP.
- ❖ Translated quality reviews of e-submissions output to ensure adherence to applicable regulations and guidelines.
- ❖ Assisted in the establishment of practices and standard operating procedures for bioanalytical research teams.

### **MEMBERSHIPS**

Alpha Phi Alpha Fraternity, Inc. 1997  
 National Medical Association 1999  
 Student National Medical Association 1999  
 American Medical Student Association 1999  
 Minority Medical Education Program (U of Chicago Consortium) 1999  
 American College of Physicians-American Society of Internal Medicine 2000  
 American Association for the Advancement of Science 2000  
 The Center for Bioethics and Human Dignity 2001  
 The Schomburg Center for Research in Black Culture 2001  
 The Lake County Race Unity Task Force 2002  
 Rufus Mitchell Lodge #107, PHA 2002  
 Brothers of the Academy 2003  
 Christian Medical and Dental Society 2003  
 American Holistic Medical Association 2003  
 Stanley J. Harris Chapter #60, HRAM, PHA 2004  
 Tuscan Lodge #44, PHA 2004  
 Pre-Health Professional Association 2004  
 Black Graduate Student Association 2004  
 Association of Black Psychologists 2004  
 Black Leaders Actively Communicating Knowledge 2004  
 Association for the Study of Classical African Civilization 2004

### **HONORS AND ACHIEVEMENTS**

Alpha Kappa Alpha Sorority, Inc. Education Advancement Foundation Scholarship 2005  
 Premed of Color Community Scholarship (Project Alpha: runner up) 2005  
 Alpha Phi Alpha Fraternity, Inc. Educational Foundation Scholarship 2004  
 Outstanding Service to Rufus Mitchell Lodge #107, PHA 2004  
 North Chicago School District 187, Extra Mile Award for Community Service 2004  
 Certificate of Appreciation, Alpha Expo Panel 2004  
 Certificate of Appreciation, Academic Olympics, North Chicago School District 187 2004  
 Distinguished Service Award, District of Illinois 2004  
 Certificate of Appreciation, Chairman, District Debate, District of Illinois 2004  
 Certificate of Appreciation, Rufus Mitchell Lodge #107, PHA 2003  
 Iota Delta Lambda New Brother of the Year 2003  
 District Director Award of Achievement 2003  
 Umunna Association Certificate of Scholarship 1998  
 Michael Price-Vincent Jones Memorial Scholarship 1998  
 Lewis University Scholars Program 1996  
 Outstanding Track Student-Athlete 1995  
 First Baptist Church of University Park Scholarship 1995  
 University Park Scholarship 1995  
 The National Dean's List 1995

### EXTRACURRICULAR ACTIVITIES

- ❖ Alpha Phi Alpha Fraternity, Inc.: Secretary/President Mu Mu chapter 1997-1999; Assistant Executive Director; Chairman, Board of Education and Youth Activities; Director of Education; Chaplain (IDL) 1997-2004. ([www.alphaphialpha.net](http://www.alphaphialpha.net))
- ❖ Director of Educational Activities, Director of Intake—Mu Kappa Lambda Chapter of Alpha Phi Alpha Fraternity, Inc. 2004-present.
- ❖ Facilitator: Project Alpha, March of Dimes, AIDS Walk, Big Brothers/Big Sisters, “A Voteless People is a Hopeless People.” 1997-2004.
- ❖ Chairman, Alpha 3.0 Partnership Programs, Intake Curriculum Taskforce (District of Illinois) member, Chairman Alpha-Inroads Program 2002-present. ([www.alpha-illinois.org](http://www.alpha-illinois.org))
- ❖ Provena St. Therese Medical Center: emergency room volunteer, 2000.
- ❖ Lake County: United Way Allocation Panel Member; Precinct Committeeman; Deputy Registrar 2000-2004.
- ❖ Jesus Name Apostolic Church: Co-Chair Scholarship Committee; Co-founder Daniel’s Sons Mentoring Ministry, Sunday School Teacher (10-13 yr old boys), 2001.
- ❖ SNMA: Health Policy and Legislative Affairs Committee (established listserve and webpage); Facilitated regional Healthfair 2001-2004. ([www.snma.org](http://www.snma.org))
- ❖ AMSA: Pre-Medical Student liaison (organized rallies, promoted advocacy and education) 2002-2004. ([www.amsa.org](http://www.amsa.org))
- ❖ Founded the Neal Math and Science Academy “Rites of Passage” Mentoring program for young teen males, 2003-2004.
- ❖ Abundant Health Care Center volunteer, Carbondale, IL 2004-2005.
- ❖ Eurma Hayes Community Center volunteer: “I Can Read” program, Carbondale, IL 2004-2005.

### HOBBIES

- ❖ Reading, music, cooking, conversant in Igbo, proficient in reading French, Tae Kwon Doe, Toastmasters International.

### CLASSIFICATIONS

- ❖ CPR certified by The American Red Cross 2001
- ❖ State of Illinois Department of Professional Regulation Pharmacy Technician 2002
- ❖ State of Illinois Substitute Teacher Certification 2003

### PRESENTATIONS

- ❖ Enyia, Okey (2002), “*Quantification of Itraconazole Polymorphs*”, A paper presented at Baxter Healthcare Corporation, Round Lake, IL, 10/02.
- ❖ *Black Male Empowerment Workshop*, presented at the Midwestern Region College Brother’s Retreat—Alpha Phi Alpha Fraternity, Inc. , Northwestern University, Evanston, IL 10/03.
- ❖ *Study Skills to Live With*, presented at Thomas School---Connecting All Parents with Schools (CAPS), Carbondale, IL. 11/04.
- ❖ *Negotiating the academic environment*, presented at the 2004 Fall Leadership Retreat, Mu Kappa Lambda/Beta Eta Chapters of Alpha Phi Alpha Fraternity, Inc. Southern Illinois University-Carbondale. 11/04.
- ❖ *Studying While Black: Negotiating the academic environment from start to finish*, Black Master's Panel (BGSA), Southern Illinois University-Carbondale, 2/05.

### PAPERS

- ❖ *Heart Disease and the Colorline: Physiological Implications and Treatment*; Principles of Physiology (310), Southern Illinois University-Carbondale, 4/05.
- ❖ *Emanicipatory Healthcare: Examining the Politics of Race and Class in the Healthcare Industry*; U.S. Healthcare Systems (360), Southern Illinois University-Carbondale, 12/05.

#### **PUBLICATIONS**

- ❖ Ponder B., Conner T., Floyd D., Tao C., Enyia O., *Acute Bradycardia as a result of intraoperative transcranial electric motor evoked potential stimulation: A case report.*, AM J END Technol (June 2003).

#### **REFERENCES AVAILABLE UPON REQUEST**