Curriculum Vitae



*Anthony J. Chiefari, BA., BSc., MS, Pharm. D., FLDI*

*Universal Health Services, Inc.*

*Corporate Managing Director Clinical Drug Policy and Clinical Services*

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# FORMAL EDUCATION

Fellow of the Leonard Davis Institute (FLDI) – The Wharton School – The University of Pennsylvania Executive Management Program for Pharmacy Leaders **2001**

Fellow of the American College of Critical Care Medicine (FCCM) **2008**

Graduate of American Society of Health System Pharmacists (ASHP) Competitive Edge Program for Pharmacoeconomic Outcomes **2000**

Doctor of Pharmacy, University of the Sciences (USIP), Philadelphia College of Pharmacy **1999**

Graduate of University of Pennsylvania Management Institute **1985**

Bachelor of Science in Pharmacy, Arnold & Marie Schwartz College of Pharmacy **1983**

**PROFESSIONAL EDUCATION**

ACCP Pharmacotherapy Board Review – Charlotte, North Carolina **2010**

Preceptorship, Trauma Surgery Critical Care Medicine, Gorge Washington University Medical Center (GWU), Wash., D.C. **2009**

SCCM – Fellows Board Review Course Antimicrobials, San Francisco, CA **2009**

IDSA/ICAAC – Fellows Infectious Diseases Review Course, Washington, D.C. **2008**

SCCM – Multidisciplinary Critical Care Review – Chicago, Illinois **2008**

IDSA – Fellows Infectious Diseases Board Review Course – San Diego, Ca  **2007**

ACCP – Pharmacotherapy Board Review Course – Memphis, Tennessee **2007**

AMCP – American Academy of Managed Care – Pharmacoeconomics Course **2006**

SCCM – Multidisciplinary Critical Care – Board Review Course – Chicago, Illinois **2006**

ACCP – Pharmacotherapy Board Review Course – Myrtle Beach, South Carolina **2005**

SCCM – Multidisciplinary Critical Care – Review Course – Chicago, Illinois Board **2004**

Review Course Infectious Diseases 2nd Annual “Infection 2003”– Las Vegas, Nevada **2003**

ACCP - Pharmacotherapy Board Review Course – Savannah, Georgia **2000**

ASHP – Competitive Edge Program for Pharmacoeconomic Analysis **2000**

Preceptorship – Sedation in Critical Care Medicine – University of Illinois-Chicago (UIC) **2000**

# CURRRENT EXPERIENCE

## UNITED HEALTH SERVICES, INCORPORATED 11/2007 - Present

## *Corporate Director Clinical Drug Policy and Clinical Services*

Recruited as a corporate leader to:

Provide innovative clinical leadership to 26 UHS acute care facilities. Develop and guide training and implementation of clinical guidelines to accomplish core measures, best practices and joint commission national patient safety goals and regulatory requirements.

*Accomplishments:*

* Authored Series of Instructional Manuals for: Management Investigation Drugs, Regulatory Aspects for Acute Care Facilities, Financial Aspects of Investigational Trials, FDA Regulations and Inspection Criteria, Review of 21 CFR, Review of 45 CFR Title, Functional aspects of Investigative Review Boards, and Clinical Trials Design and Functional Aspects of Protocol Review.
* Authored, Created, Edited: *Antimicrobial Resource Manual 2009* to enable National Patient Safety Goal 7 (Antimicrobial Stewardship) – Distributed across all disciplines to: UHS Nursing, Infection Control Practitioners, Chief Executive Officers, Chief Operations Officers, Chief Nursing Officers.
* Authored 79 page Manual: *Anticoagulation Guidelines 2008* to enable National Patient Safety Goal 3E for all 26 UHS Acute Care Hospitals
* Conceived , Compiled, and Edited: *Anticoagulation Resource Manual 2008* for all UHS Acute Care Directors
* Provided an Implementation Plan and Timeline for NPSG 3E for UHS Acute Care Directors
* Review clinical systems design and revised system support programs to supplement efficiency and accuracy.
* Provided a Clinical Documentation System, The Pharmacy OneSource Quantifi™ Program, and Guided the Implementation throughout All Acute Care facilities to capture: Physician Interactions, Pharmacist Recommendation, Adverse Events and Reactions Data.
* Revised the Formulary Drug Policy Process, Conflict of Interest/Disclosure Statements, for implementation in all hospital and regional Pharmacy and Therapeutic Meetings.
* Created an MUE process coordinated with new drug request which require concurrent review to assure proper utilization and contain expenditures.
* Provide White Paper reviews for specific clinical topics or disease states.
* Develop strategies to improve system pharmacist clinical competencies.
* Improve the health of our patients through implementation of cost-effective excellence in patient care and medical practice.
* Responsible for Formulary Drug Process by critical review of all new drugs for formulary inclusion.
* Directly review all drug contracts and initiatives with the Group Purchasing Organization (GPO) for all UHS hospitals, providing Outcomes driven recommendations. Member of Clinical Executive Council (CEC).
* Launched a Critical Review of all Human Research Initiatives active within UHS Acute Care Hospitals from the Joint Commission Drug Perspective and Facilities Preparedness Perspective.
* Active Teaching Appointment at an Assistant Professor of Medicine, Department of Pharmacology & Physiology – Drexel University College of Medicine, Philadelphia

## HAHNEMANN UNIVERSITY HOSPITAL, Philadelphia, PA 11/99- 11/2007

(A For-Profit hospital of Tenet Healthcare Corporation with Net Operating Revenues of $9,680 million for 101 owned and operated hospitals)

## *Associate Director Clinical Pharmacy Services*

# *Clinical Director ASHP Pharmacy Practice Residency Program*

# Responsibilities

* Provide Leadership and direction for all pharamcy services in this 619 bed University Hospital.
* Actively created pharmacoeconomic analysis for new drug additions for the Pharmacy and Therapeutics Committee, accepting stewardship of the $15 million drug budget.

## Accomplishments

* Director of the ASHP approved Residency Program which includes positions for 4 Pharmacy Practice Residents resulting in $260,000 of defered salary expense to the department annually.
* Forged a collaborative agreement with the Philadelphia college of Pharmacy and Science for placement of faculty in clinical practice sites in this university teaching hospital deferring $180,000 salary and benefit expense.
* Established clinical practice site for 6th year Doctor of Pharmacy Candidates with the school of pharmacy creating annual revenues of $80,000 – 100,000 and over $500,000 over 6 years.
* Established a formal pharmacy coordinated Investigational Drug Service, creating revenues of $80,000 annually and offsetting purchased drug expenses with use of investigational drug for patients by over $300,000 annually.
* Recruited and instructed Infectious Diseases Pharmacist to provide an anti-microbial management program projected to save the institution $250,000 annually.
* Developed many medication use guidelines with physician leaders to guide practitioners to use of formulary drugs, retaining contracted drug cost advantages.
* Revised the Heart Failure guidelines in 1999 and advocated the reduced use of phosphodiesterase inhibitors decreasing drug expenditures by over $250,000 in the first year.
* Conduct concurrent reviews, drug use evaluations (DUE’s) and medication use evaluations (MUE’s) to monitor use of guidelines, evaluating trends of medication use.
* Developed Algorithms and Pathways for Critical Care and Infectious Diseases
* Responsible for the development of the residency core curriculum and the clinical specialty areas of practice offered for the clinical education of pharmacy residents using the ASHP Resident Learning System (RLS).
* Maintain an active clinical practice on the Trauma / Surgery Critical Care Medicine Team
* Coordinated all activites of the residents including teaching experinces at the Philadelphia College of Pharmacy and with the Drexel College of Medicine.
* Clinical Assistant Professor, Department of Pharmacology – Actively teach at the Drexel University College of Medicine, Philadelphia

CENTERS FOR MEDICARE AND MEDICAID (CMS) – Baltimore , MD

*Consultant and Reviewer – National Prescription Drug Plan – 2004*

* Selected as part of the core team to provide formulary review for each prescription plan submitted to CMS for approval under the Prescription Drug Plan
* Provided review for over 60 plans submitted to CMS from various national plans.

UNIVERSITY OF MARYLAND MEDICAL CENTER (720 beds) Baltimore, MD 9/1997- 11/2000

## *Clinical Pharmacy Specialist (Critical Care Medicine)*

**Responsibilities**

Functioned as part of a multi-disciplinary team at the University of Maryland Medical Center.

Primary responsibilities included clinical rounds with:

* Surgical Intensive Care Team
* Shock/Trauma Team
* Cardiology Intensive Care Unit
* Transplant Teams
* Internal Medicine Medical Intensive Care
* Oncology (Surgical and Medicine)
* Neurology Intensive Care Unit

**Accomplishments**

* Retained as a consult for the reintegration Cancer Center to main pharmacy operation after the medical center no longer accepted state subsidy.
* Reviewed and recommended database software for recording outpatient encounters for patients presenting for treatment.
* Coordinated research protocols as required for patients and staff in the Greenbaum Cancer Center Pavilion
* Initiated new protocols as required and assisted in summarizing protocols for quick accession by other pharmacy staff members
* Daily rounds in Bone Marrow Transplant and Oncology Units.
* Initiated the use of the pharmacy computer system to record interventions and equated dollars saved for each intervention.

**ALLEGHENY UNIVERSITY HOSPITAL SYSTEM – Philadelphia College of Osteopathic Medicine (PCOM) (350 beds) and Parkview Hospitals (150 beds)**

***Director of Pharmacy Services (both hospitals concurrently) 11/1996 - 9/1997***

## Responsibilities

City Avenue Hospital was the primary teaching hospital for the Philadelphia College of Osteopathic Medicine (PCOM) located on City Line Avenue in Philadelphia. The hospital maintained a full range of services to the community including and active Emergency Medicine Department, Cardiology, Orthopedic Surgery as well as a level III high risk Neonatal Care Unit, a high risk Antepartum Unit, and 25 post partum beds in addition to medical surgical acute care beds.

The Director was responsible for the overall direction of all pharmacy services provided. This included the selection, purchasing, manufacturing, compounding, dispensing, monitoring, storage, and preparation of medications, including maintenance of proper records, as well as the provision of information on medications. Worked with the Medical staff and all other allied healthcare professionals to develop policies and procedures to insure safe administration of medications within the institution. The Director was responsible for monitoring, evaluating, and resolving all issues that pertain to the quality and appropriateness of patient care services provided by the Department of Pharmacy Services. As Director ,developed and monitored departmental budgets.

**Accomplishments**

* Assisted in the development of an advanced chemotherapy center for women's health.
* Managed the integration of a neonatal service for the women’s center.
* Participated as an active member of the Investigative Review Board (IRB) and managed the transition of over 100 ECOG, GOG, SWOG protocols patients to be transferred to the center.
* Authored an outline and procedure for the implementation of research protocols through the pharmacy department.
* Converted the Intravenous Admixture System from an IV piggyback system to an IV syringe system with projected savings of $200,000 annually.
* Developed and instituted an IV restrictive anti-microbial program with the approval of the Pharmacy and Therapeutics Committee projected to save the institution $100,000 annually.
* Reviewed quality measures and instituted a collaborative committee to review infection control procedures.
* Re-licensed the pharmacy under state and federal laws after being purchased by the Allegheny Research Foundation.

**THE GRADUATE HOSPITAL Philadelphia, PA (320 beds**) **7/1995 – 11/1996**

### Associate Director Clinical Services

#### Responsibilities

This position reported directly to the Pharmacy Director to map progress and incept new initiatives. My role was to facilitate department clinical goals and Pharmacy and Therapeutics Committee projects. Coordinated the overall professional and technical requirements for the proper delivery of pharmaceutical care, assures good pharmacy clinical standards of practice, developed and implemented services for enhanced patient outcomes and regulatory compliance. While in this position, I performed the general duties and responsibilities of a clinical pharmacist. Reviewed and interpreted cultures/and susceptibilities data for antibiotic formulary management. Facilitated the design and implementation of treatment guidelines, protocols, and formulary changes - this would include therapeutic preference, switching from IV to oral, and discontinuing and modifying therapy on the basis of patient-specific responses. Developed drug-use evaluation criteria and other quality assurance measures to assess the appropriate use of drug therapy by pharmacists and other providers. Assisted with the development of treatment protocols that support efficient, effective patient outcomes. Provides specialized in-service education and training to departmental, hospital and related community staff relative to drug use and therapy.

# Accomplishments

* Implemented a criteria based drug information service utilizing searchable databases for support services to the physicians of the Cardiac, Surgical, Neurological, Medical, Critical Care areas of this 320 bed tertiary care facility.
* Actively participated on the Pharmacy and Therapeutic Committee providing in depth critiques of pharmaceuticals requested for addition to the formulary. This critique includes a comparison to current formulary agents from a clinical and pharmacoeconomic point of reference.
* Additional responsibilities include staff development and in-service education of the medical and professional staffs.
* Provided drug information to the Emergency department including toxicology treatment protocols, pharmacokinetic dosing and level monitoring.
* Active member of hospital wide team charged with the implementation of Fast-tracked Cardiac Surgery. Researched the use and effects of early extubation with the assistance of Propofol as the major anesthetic agent used to facility quick recovery from the surgical procedure. Coordinated efforts with infectious disease physicians and surgeons to develop a methodology of infection control for post-surgical patients.
* Proposed method for once daily aminoglycoside monitoring of levels which included Gentamicin, Amikacin, and Tobramycin.
* Assisted reporting of information to CDC as a Nosocomial Infections Surveillance System (NIS) site of the CDC

**HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA** (720 beds) One of the Top Ten Hospitals in the United States ***12 Years Experience******- (February 1983 - June 1995)***

***Clinical Pharmacist Specialist***

***Clinical Manager***  **5/1994 – 6/1995**

# Responsibilities

Functioned as the departmental clinical liaison between the medical staff and interdisciplinary teams and professional supportive staff to insure quality practices. Responsible for clinical services in all critical care areas of the medical center and the operating room suites. Insured quality processes in the preparation of all IV Admixtures, Chemotherapy, Investigational Studies and Total Parenteral Nutrition. Promoted functional collaborative between medical staff committees, physicians groups, hospital committees, nursing staff and patients advocacy committees.

# Accomplishments

* Developed lines of reporting for quality initiatives to monitor the application of quality initiatives.
* Mapped functional interactions and clinical processes by flow charting for the quality assurance program.

***Supervisor Critical Care and O.R. Pharmacy Satellites 6/* 1990 - 5/1994**

**Responsibilities**

* Designated to coordinate Pharmaceutical Care Service to **7 Critical Care Units**, **Operating Room Suites, Post Anesthesia Care Units and Intermediate patient care beds.** Responsible for daily 24 hour operations providing care to 260 patient care beds.
* Scheduled and directed the activities of **43 Pharmacists**, **4 Residents** and **49 Technicians**.

# Accomplishments

* Responsibilities included rounding with physician teams, influencing prescribing with direct pharmacoeconomic consideration.
* Wrote and instituting restricted drug protocols.
* Supervised, scheduled, and provided training for Post Pharm. D. residents.
* Presented to medical, nursing and pharmacy professional staffs, and coordinating activities of pharmacists and technical staffs.
* Also, was responsible for quality assurance, budgeting, strategic planning, purchasing, inventory control, pharmacokinetic monitoring, clinical interventions monitoring.
* Maintained Pyxis machines and inventory, working with the nursing staff to optimize the medication sets for each nursing unit.

***Supervisor IV Admixture Service*** **(3/1989 to 6/1990)**

**Responsibilities**

Designed, promoted and implemented a syringe pump IV medication delivery system for the medical center. Designed the process to advance the IV Admixture Service throughout this 720 bed tertiary care medical center working with the medical staff, nursing staff, materials management, and pharmacy. Constructed a state of the art IV Admixture Clean Room acquired equipment and instituted quality processes for all IV admixtures. Provided advanced budget requirements, and hired all personnel for this service. Insured patient focused clinical services which included parenteral antibiotics, pain management therapies, chemotherapy, nutrition (TPN, enteral), hydration and others. Also responsible for staffing, budgeting, interface activities between Home Infusion, Home Health agencies, and the Pharmacy.

## Accomplishments

* **Selected to research, design and implement a hospital wide IV Admixture Service for this 720 bed hospital.**
* Instructed and directed post Pharm. D. residents, 4 Pharmacists and 11 IV technical staff.
* Accountable for development, instituting monitoring and documentation of all Investigational Drug Protocols.
* Coordinated implementation of the Pharmacy Based IV Admixture Service.
* In-serviced Nursing, Pharmacy and Anesthesia Staffs. Standardized all Continuous IV Infusions throughout the institution (6 major buildings)

***Senior Pharmacist*** **(5/1986 – 3/1989)**

## Responsibilities

Promoted to Senior Pharmacist in May 1986. Coordinated pharmacists, technicians and the operations of both central and decentralized pharmacies assuming administrative responsibilities for the Department of Pharmacy on the evening shift. Supervise and schedule staff pharmacists, graduate pharmacists, interns and technicians. Participate in the IV admixture service which includes Chemotherapy and Total Parenteral Nutrition Service.

## Accomplishments

Implement and maintain all investigational drug protocols, provide drug information and toxicology information through the computerized drug information center.

***Staff Pharmacist*** **(2/ 1983 - 5/ 1986)**

**Responsibilities**

Trained in all aspects of pharmacy operations including the specialty areas of Medicine, Surgery, Renal Transplant, Neurology, Oncology, Adult Intensive Care, and Neonatal Intensive Care. Controlled the function of the Surgical Pharmacy Satellite.

## Other Accomplishments

* Only member of the Pharmacy Advisory Committee reporting directly to the Director and Assistant Director of Pharmacy.
* Researched and recommended organizational changes to optimize use of pharmacy personnel.

**Current as of October 2009 - Academic / Teaching Appointments**

* **Clinical Assistant Professor** – Drexel University College of Medicine

Department of Pharmacology

* **Clinical Assistant Professor** - Philadelphia College of Pharmacy and Science

**Licensure** Registered Pharmacist‑ New Jersey, Pennsylvania, Maryland

**Certifications and Courses**

* Basic Cardiac Life Support (BCLS)
* Advanced Cardiac Life Support (ACLS)
* Fellows Certification Exam Infectious Diseases
* Critical Care Board Certification Exam
* Fellow of the Leonard Davis Institute (FLDI) of the Wharton School

**Consultant and Speaker Bureau**

* Union Memorial Hospital of John Hopkins Hospital System Residency Program Development
* Center for Medicare & Medicaid Services (CMS) Prescription Drug Plan
* The Medicines Company
* Pfizer Pharmaceuticals, Inc.
* GSK Pharmaceuticals, Inc.
* Wyeth Pharmaceuticals, Inc.
* Cubicin Pharmaceuticals, Inc.
* Bayer Pharmaceuticals, Inc.
* Roach Pharmaceuticals, Inc.
* Sanofi-Aventis, Inc.
* Astellas Pharmaceuticals, Inc.
* Novartis Pharmaceuticals, Inc.
* Gilford Pharmaceuticals, Inc.
* Merck Pharmaceuticals, Inc.
* Ortho Biotech, Johnson & Johnson. Inc.

**Reviewer**

2002 – 2005 American College of Clinical Pharmacists

2000 – 2005 Hospital Pharmacy

1994 - 1995 American Society of Health System Pharmacists

1990 - 1992 American Society of Health System Pharmacists

## Residency Director and Eastern States Residents Conference: Monitor / Evaluator 1999 – 2008

**Hospital Committees (Recent)**

**Hahnemann University Medical Center**

2000 - 2007 Chair Anticoagulation Sub-Committee of P & T

1999 - 2007 Member Critical Care Committee

1999 - 2007 Member Pharmacy and Therapeutics Committee

1999 - 2007 Member Cardiac Performance Improvement Committee

1999 - 2007 Member Antimicrobial Sub-Committee of P & T

1999 - 2007 Member Investigational Review Board (IRB)

##### Past Hospital Committees

**University of Maryland Medical Center**

1998 Member University of Maryland Multi-disciplinary Committee

**Allegheny University Hospital System**

1997 **Secretary** Pharmacy and Therapeutics Committees

Member Investigational Review Board

Member Critical Care Committee

Member Pulmonary Critical Path Committee

Member Nutrition Support Committee

Member Infectious Disease Committee

**Chair** Formulary Review / Drug Information Center

The Graduate Hospital System

1996 Member Pharmacy and Therapeutics Committee

**Chair** Therapeutic Drug Monographs

Target Clinical Drug Programs

Antimicrobial Assurance Program

**The Hospital of the University of Pennsylvania**

1983 – 1985 **Preceptor Adjunct Faculty** - Philadelphia College of Pharmacy

1987 - 1995 Member - Hospital Code Call Committee

1989 - 1995 Member - Nursing/Pharmacy Subcommittee of The Pharmacy and Therapeutics Committee

1992 - 1993 Member - Hospital Transfusion Committee

1992 - 1993 **Co-Chair** - Hospital Committee to Standardize Critical Care Infusions

1993 - 1995 Member - Drug Information / Formulary Committee

1994 – 1995 **Preceptor** **Adjunct Faculty** – Philadelphia College of Pharmacy

**Professional Organizations**

Society of Critical Care Medicine (SCCM)

American College of Clinical Pharmacists (ACCP)

American Society of Health System Pharmacists (ASHP)

American Academy of Managed Care Pharmacists (AMCP)

Pennsylvania / Maryland Societies of Health System Pharmacists

Arnold and Marie Schwartz College of Pharmacy Alumni Association

Philadelphia College of Pharmacy and Science Alumni Association

## References on Request

**Presentations**

**And**

**Publications**

2010 Invited Presentation: “Genetics and Genomics of Anesthesia Drug Interactions”, ***Anesthesia Grand Rounds*** – Hahnemann University Hospital Department of Anesthesia, Philadelphia

2010 Telavancin – A New Lipoglyco-peptide. Presented at Hahnemann University Hospital, Department of Surgery Journal Club, March 2010.

2009 Mechanisms of Gram Negative Resistance for Multi Drug Resistant Organisms (MDRO’s) - Presented George Washington University Medical Center (GWU), Washington, DC

2009 Review of MRSA Treatment Options - Interpreting MIC’s. Presented to Valley Health System, Las Vegas, NV

2009 Authored – Antimicrobial Stewardship Guidelines for The Joint Commissions - National Patient Safety Goal 7 – Antimicrobial Stewardship

2008 Authored - Anticoagulation Guidelines for Universal Health Services, Inc. 26 Acute Care Facilities to enable National Patient Safety Goal 3E.

2007 Skin and Skin Structure and Complicated Intraabdominal Infections. Therapeutic Options. Presented to Surgical Residents, Hahnemann University Hospial.

2007 Review of Lipoglycopeptide antimicrobials. Presented to Anti-microbial subcommittee Hahnemann University Hospital.

1. “Development of a treatment algorithm for patients with suspected heparin-induced thrombocytopenia (HIT)”, Primary Investigator, Presented to Hahnemann University Hospital Critical Care Committee.

2007 “Comparison of modification of diet in renal disease (MDRD) and Cockcroft Gault equations for accuracy of antimicrobial dosingin the intensive care population”, Primary Investigator, Presented Hahnemann University Hospital Critical Care Committee.

2006 “Tygacil – a new class of antimicrobial” Presented to Hahnemann University Hospital Surgery Residents Journal Club, Maggiano’s, Philadelphia

2005 “Skin and Skin Structure and Abdominal Wound Infections”, Presented to Surgical residents at Surgical Journal Club, Shula’s Philadelphia

2005 “Hospital Acquired Pneumonia”, Presented to Surgical Residents, Davio’s Philadelphia.

2005 “Update on The Treatment of DVT and Heparin Induced Thrombocytopenia”, Presented to Philadelphia Area Pharmacists, Mortons Steak House, Philadelphia.

2004 “Use of Nitric Oxide to Supplement Oxygenation of Severe ARDS Patients in the ICU”, Presented to Surgery / Trauma Residents, Hahnemann University Hospital June 2004

2004 “Comparison of Heparin alternative Agents for Patients Diagnosed with Heparin Induced Thrombocytopenia” – Presented to Internal Medicine Residents – Hahnemann University Hospital, January 2004

2004 “Emerging Pathogens – Focus on Pseudomonas in Ventilator Associated Pneumonia Patients” – Presented St. Mary’s Hospital, Langhorn, PA

2004 “Blood Management Strategies in the Critically Ill Patient” – Eastern Carolina School of Medicine – ***Multidisciplinary Grand Rounds***, October 2004

2004 “Clinical Considerations and Therapeutic Options in Anemia Management” – Presented to Philadelphia Area Residents at the Marquis De Lafayette, Cape May, New Jersey, June 2004

2004 “A Comparison of Three Differently Structured Clinical Learning Experiences Used in Resident Training” – Accepted -April 2004 - 2nd ACCP/ESCP International Congress Pharmacy – Paris, France

2003 “Comparison of Outcomes Among Patients Receiving Levofloxacin With or Without Interacting Multivalent Cations” - The American Society of Health System Pharmacists Midyear Meeting, New Orleans, Louisiana.

2003 “Evaluating Clinical Relevant Outcomes In Heart Failure Patients In the Ambulatory Setting” - The American Society of Health System Pharmacists Midyear Meeting, New Orleans, Louisiana.

2003 “Evaluation of Adequacy of Dyslipidemia in Renal Transplant Patients” – The American Society of Health System Pharmacists Midyear Meeting, New Orleans, Louisiana.

2003 “Pharmacokinetic and Pharmacodynamic comparison of Erythropoetin and Darbepoetin”, Philadelphia Intra-city Residency Meeting, July 2003, Cape May, New Jersey (Continuing Education Program – Sponsored by Ortho Biotech.)

2002 “Retrospective Analysis of Hepatic Veno-Occlusive Disease After Bone Marrow Transplantation” - Presented at the American Society of Health System Pharmacists, Atlanta Georgia

2002 “Implementation of a Protocol for Inpatient Evaluation and Treatment of Dyslipidemia” - Presented at the American Society of Health System Pharmacists, Atlanta Georgia

2002 “Effect of Antiretroviral Therapy on Immunosuppressants in HIV Positive Renal Transplants” - Presented at the American Society of Health System Pharmacists, Atlanta Georgia

2002 “The Clinical Impact of Adverse Event Reporting” – Presented to MCP – Hahnemann Medical Staff.

1. “Clinically Important Drug Interactions” – Presented at the MCP-Hahnemann School of Medicine.

2002 “Review of Glycoprotein IIb/IIIa Inhibitors” - A cost effective comparison of IIb/IIIa inhibitors and specific use patterns for interventional cardiology.

2001 Principal Pharmacist – A Randomized, Open-Label, Pilot Assessment of The Effect of Proton IV For Injection (Pantoprazole Sodium) on Gastric pH in ICU Patients. Wyeth Ayerst Pharmaceuticals. Protocol 3001K1-912-US.

1. Principal Pharmacist – A Phase IIIB Randomized, Multi-Center, Double-Blind, Placebo-Controlled Study of The Safety, Efficacy and Tolerability of Fenoldopam Mesylate In A Peri-operative Setting. Abbott Laboratories. Protocol 2000-034

2000 Principal Pharmacist - A Randomized Study of the Effects of Intravenous Pantoprazole on Gastric pH After Successful Hemostasis in Patients with Bleeding Peptic Ulcer. – Wyeth-Ayerst Pharmaceuticals Protocol 3001K2-201-US

2000 Principal Pharmacist – CRUISE Trial – Cor Pharmaceuticals – Safety of Concomitant Therapy with Eptifibatide in Patients Undergoing Percutaneous Coronary Intervention. Coronary Revascularization Utilizing Integrilin and Single Bolus Enoxaparin

1. Chiefari, AJ, Cost effectiveness of Ferrlecit™ with erythropoietin vs. Iron Dextran with Erythropoietin in Chronic hemodialysis patients. Poster presentation with the Outcomes Research Group of the ***ASHP Competitive Edge Program***. Presented at the Midyear Clinical Meeting, Las Vegas, Nevada December 2000.

2000 Principal Pharmacist – TARGET Trial – Merck Pharmaceuticals: - A Randomized, Multicenter, Double-Blind, Abciximab-Controlled Study to Evaluate the Efficacy of Tirofiban in Patients Undergoing Percutaneous Coronary Intervention with Intracoronary Stent Placement.

2000 Pharmacy Pharmacist – A – Z Trial – Merck Pharmaceuticals – A Multicenter, Randomized, Controlled, Double-Blind Trial to Investigate the Clinical Efficacy and Tolerability of Early Treatment with Simvastatin 40 mg Daily for 30 Days, Followed by Simvastatin 80 mg Daily Thereafter in Tirofiban-Treated Acute Coronary Syndrome Patients Who Have Been Randomized to Receive Enoxaparin or Unfractionated Heparin in Conjunction with Aspirin.

2000 Pharmacy Pharmacist – ACUTE II – RPR Pharmaceuticals – Assessment of Cardioversion Using Transesophageal Echocardiography II. The use of Low Molecular Weight Heparin (Enoxaparin sodium) compared to Unfractionated Heparin for Short Term AntiThrombotic Therapy in Atrial Fibrillation Patients Undergoing TEE Guided Cardioversion.

2000 Principal Pharmacist – A Double Blind Study of The Acute Electrophysiologic Effects of Amiodarone Aqueous IV injection Administered By A Rapid Bolus Injection and Cordarone IV Administered as a 10-minute Infusion. – Wyeth-Ayerst Pharmaceuticals, Protocol 058K1-313-US

2000 Primary Pharmacist – Aqueous Amiodarone I.V. Injection – A Double-Blind Comparison of the Incidence of Hypotension with Two Formulations of Intravenous Amiodarone: Cordarone I.V. VS. Aqueous Amiodarone I.V. Injection. - Wyeth-Ayerst Pharmaceuticals, Protocol 0585K1-312-US

1999 Automation of Pharmacists Interventions Utilizing the existent Local Area Network Computer System – Submitted to Pharmacy Management. University of Maryland Medical Center, Baltimore, Maryland.

1999 “Clinical Use of Macrolide Antibiotics: A Review” – University of Maryland Medical Center., A Class Review, Baltimore, Maryland.

1999 Cardiopulmonary Resuscitation – A Manual for Training Pharmacists with

Interactive Multimedia. Presented to Management Staff at The University of Maryland Health System Department of Pharmacy Services.

1998 “A review of Immunosupressant Use and Drug-Drug Interactions”. Journal Club, University of Maryland Medical Center Department of Pharmacy.

1. “Networking Pharmacy Based Investigational Drug Services via the

Internet”. Presented to Doctor of Pharmacy Candidates and Faculty, Philadelphia College of Pharmacy.

1996 “Fast-Tracking of Coronary Artery Bypass and Graft (CABG) Patients”

Using Proprofol (Diprivan®) infusion. Presented to Critical Care and

Medical Staff, The Graduate Hospital of Philadelphia.

1996 Sedation of Critically Ill Patients with Lorazepam vs. Midazolam : A Cost

Minimization Analysis Presented to Doctor of Pharmacy Candidates and

Faculty. Philadelphia College of Pharmacy.

1995 "Clinical use and effects of Human Growth Hormone" Presented to Doctor of Pharmacy Candidates, Philadelphia College of Pharmacy.

1994 Drip Rate Charts for Administration of Continuous Infusion Medications for Code Calls. Chart Fabricated for Code Call Committee

1994 Revision of pre-operative antibiotic guidelines. Chiefari, A J . University of Pennsylvania.

1993 Chiefari, AJ, Laskin, ML. Continuous Quality Improvement Program for Controlled Drug Use in the Operating Room. Submitted for Poster presentation at the 27th Annual Midyear Clinical Meeting and Exhibits, Orlando, FL, December 1992.

1993 "Safe and Efficacious Calcium and Phosphate Administration utilizing Solubility Curves." Nursing Staff, Hospital of the University of Pennsylvania.

1993 "Standardization and Administration of Critical Care Infusions." Nursing Staff, Hospital of the University of Pennsylvania.

1992 Use of Syringe Pumps Delivery System for Administration of IV Antibiotics and Intermittent Drugs." Nursing Staff, Hospital of the University of Pennsylvania.

1991 "Prototype Cardiac Drugs" Presented to Senior Nursing Students at The University of Pennsylvania School of Nursing Education, Philadelphia, PA, April 1991.

1990 "Polypharmacy and The Elderly" Presented to Senior Nursing Students at The University of Pennsylvania School of Nursing Education, Philadelphia, PA, October 1990.

1990 Nursing - Pharmacy Serial Newsletter for post surgical Peripheral Vascular Disease (PVD) Patients. 1990-1991.

1989 "Conceptualization and Proposal for the Implementation of a Pharmacy Based IV Admixture Systems." Presented Hospital of the University of Pennsylvania"

1989 "Review and Comparison of Current IV Admixture Systems." Presented to Nursing Staff of the Hospital of the University of Pennsylvania.

1987 "Use of Caffeine Citrate in Neonates." Presented to Nursing Staff, Hospital of the University of Pennsylvania.

1987 Communication in Pharmacy Hospital Pharmacy: (Vol.22, No. 2, 1987), p. 191.

1986 "Intravenous Drip Rate Calculations." Presented to Nursing Staff, Hospital of the University of Pennsylvania.

1984 "Review of Prostaglandin Abortifacients." Presented to OB Nursing and Resident Staff, Hospital of the University of Pennsylvania.

1983 "EKG Interpretation and Correlation to Leads I to IV." Presented to Students, Staff and Faculty, Brooklyn Hospital, Brooklyn New York.

1983 "Active Metabolites of Digitoxin." Presented to Residents and Faculty, Brooklyn Hospital, Brooklyn, New York.

1983 "EKG Interpretation and Correlation to Leads I to IV." Presented to Students, Staff and Faculty, Brooklyn Hospital, Brooklyn New York.

1. "Active Metabolites of Digitoxin." Presented to Residents and Faculty, Brooklyn Hospital, Brooklyn, New York.