

**CURRICULUM VITAE**  
**September 2016**

**MICHAEL DAVID PARR**

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4301 West Markham Street  
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Little Rock, Arkansas 72205

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Little Rock, Arkansas 72223

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PROFESSIONAL EXPERIENCE:

July 1, 2015 to Present Director  
Pharmacy and Therapeutics Service Line  
UAMS Medical Center  
Little Rock, Arkansas

April 1996 – June 30, 2015 Director  
Department of Pharmacy Services  
The University Hospital of Arkansas  
Little Rock, Arkansas

January 1990 - To Present Associate Professor (without Tenure)  
College of Pharmacy  
University of Arkansas Medical Center

January 1995 - April 1996 Acting Director  
Department of Pharmacy Services  
The University Hospital of Arkansas  
Little Rock, Arkansas

January 1990 - January 1995 Assistant Director  
Department of Pharmacy Services  
The University Hospital of Arkansas  
Little Rock, Arkansas

July 1982 - December 1989 Assistant Director, Pharmacy Central Supply  
Fifth Floor and Markey Cancer Center  
Albert B. Chandler Medical Center  
Lexington, Kentucky

August 1988 - December 1989 Assistant Professor  
(Adjunct Title Series)  
Clinical Practice Division  
College of Pharmacy  
University of Kentucky

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August 1988 - December 1989

Director  
Investigational Drug Service  
Department of Pharmacy Central Supply  
Albert B. Chandler Medical Center,  
Lexington, Kentucky

July 1982 - July 1988

Assistant Professor  
Clinical Practice Division  
College of Pharmacy  
University of Kentucky

### EDUCATION:

Post-Doctoral Pharmacy Residency

Albert B. Chandler Medical Center  
University of Kentucky  
July, 1980 - June, 1982

Doctor of Pharmacy

University of Nebraska Medical  
College of Pharmacy  
May, 1980

Bachelor of Science

University of Nebraska at Omaha  
(Biology)  
May, 1978

### TEACHING EXPERIENCE

The following teaching experience was gained at University of Arkansas College of Pharmacy.

Ph.Pract 5733 Pharmacy Management, Lecturer, Spring; From 2011 to Present

Ph.Pract 5625 & 5645 Therapeutics I & II, Lecturer, September 1990 to and 1995

The following teaching experience was gained at University of Kentucky College of Pharmacy.

PHR 848 Introduction to Clinical Pharmacy, Lecturer, September 1, 1983 to December, 1989

PHR 856 Chemotherapeutics, Lecturer, April, 1984 to December 1989.

PHR 865 Disease Process I, Course Coordinator, September, 1986 to May, 1988.

PHR 866 & 868 Applied Therapeutics, Lecturer, September, 1982 to December, 1989

PHR 870 Clinical Orientation Clerkship, Instructor, September, 1982 to December, 1989.

PHR 883 Pharmacy Practice Clerkship, Instructor, September, 1982 to December, 1989.

PHR 880 Introduction to Institutional Practice, Lecturer, March, 1985 to 1989

## RESEARCH EXPERIENCE

"Stability Studies of Maximum Electrolyte Concentrations in 3-in-1 Nutritional Admixtures Containing Aminosyn II, Liposyn II and Dextrose Injection." September, 1988 to May 1989, Sponsored by Abbott Laboratories. (Principal Investigator).

"A Blinded Study Investigating the Efficacy of a Triple Antiemetic Suppository in Preventing Low-dose Cisplatin Induced Nausea and Vomiting." November 1987-May 1988; In-house protocol, (Co-investigator).

"Amphotericin B: Stability in Dialysate Fluids." July 1987-December 1987; sponsored by Squibb. (Principal Investigator).

"An Evaluation of Intravenous GR-C507/75 in the Prevention of Nausea and Vomiting Caused by High Dose Cisplatin." March 1986-November 1988; Glaxo Inc. (Co-investigator).

"Use of Intravenous Immunoglobulin for Cytomegalovirus Prophylaxis in Bone Marrow Transplant Patients." November 1986-October 1988; sponsored by Cutter Laboratories. (Principal Investigator).

"Evaluation the Safety and Efficacy of Three Antibiotic Dosing Regimens in the Treatment of the Febrile Neutropenic Patient." July 1986-December 1989; sponsored by Lederle. (Principal Investigator).

"A Randomized Trial of Cefoperazone plus Aminoglycoside Versus Ticarcillin plus Aminoglycoside in the Treatment of Neutropenic Fever in Patients Undergoing Bone Marrow Transplantation." April, 1985-April, 1986; sponsored by Roerig Laboratories. (Co-investigator).

"Phase 3 Multicenter Study of Amsacrine DMA/Lactate (CI-880) in Combination with Cytarabine and Thioguanine VS Daunorubicin, Cytarabine, and Thioguanine in Front Line Therapy of Patients with Acute Nonlymphocytic Leukemia." January, 1985-July, 1987; sponsored by Warner-Lambert. (Co-investigator).

"Target Delivery of 5-FU to the Liver Using Biodegradable Microspheres" October, 1986 -September, 1987; sponsored by United Way of the Bluegrass. (Co-investigator).

"A Phase III Clinical Trial of Intravenous Immunoglobulin (IVIG) Prophylaxis for Patients Undergoing Allogeneic Bone Marrow Transplantation. July, 1986-June, 1988; sponsored by Hyland. (Co-investigator).

"Development of a Computer Program to Analyze Antibiotic Costs." January, 1986-January, 1987; sponsored by Glaxo; (Principal Investigators).

"Prevention of Oral Complications in Chemotherapy/Radiotherapy Patients." November, 1984-August, 1985; sponsored by Proctor and Gamble Company. (Co-investigator).

"Neptazane (methazolamide): A Study of Three Doses for Bioavailability, Pharmacokinetic, and Pharmacodynamic Relationships." August - October, 1984; sponsored by Lederle Laboratories; (Co-investigator).

"A Study Investigating the in vitro binding of Intravenous Cyclosporine to Medication Administration Sets." May 1984; (Principal Investigator)

"A Grant for the Development of a Patient Education Video Tape and Booklet on the Proper Care of a Hickman Catheter." October, 1983. Sponsored by Wyeth Laboratories (Program Coordinator).

"The Effects of Long-Term Storage on the Sterility of Prepared Solutions for Total Parenteral Nutrition." August-September, 1983. (Principal Investigator).

## PRESENTATIONS

"340B Audit – University of Arkansas for Medical Sciences (UAMS) Medical Center Experience" UHC Webinar; July 23, 2016

"The Drug Shortage Crisis". Arkansas Healthcare Risk Management Seminar: Risk Issues in Transition; Little Rock, Arkansas May 4, 2012

"Electronic Physician Order Entry System". University Health-System Consortium, Pharmacy and Oncology Advisory Council Meeting; Orlando, Florida; December, 1999. (Panel Discussion).

"Implementation of a Policy for Minimum Dilutions of Injectable Drugs in the Intensive Care Unit" with Winstead, PS, Barnes, ER, and Olsen, KM. American Society of Hospital Pharmacists Twenty-Seventh Annual MidYear Clinical Meeting, Orlando, Florida, December, 1992. (Poster Presentation).

"Assessment of the Particle Size Distribution and Physical Stability of 3-in-1 Nutritional Admixtures" with Mehta, RC, Head, LF, Hazrati, AM, Rapp, RP, and DeLuca, PP. American Society of Hospital Pharmacists Twenty-Seventh Annual MidYear Clinical Meeting, Orlando, Florida, December, 1992. (Poster Presentation).

"Quality Assurance Evaluation for Pharmacy-Pharmacy Prepared Sterile Products in the State of Arkansas" with Brown, DF, and Austin, JE. American Society of Hospital Pharmacists Twenty-Seventh Annual MidYear Clinical Meeting, Orlando, Florida, December, 1992. (Poster Presentation).

"Cost Control Strategies for Biotechnology Products". Arkansas Caduceus Club Scientific Session, Twenty-Fourth Annual Alumni Weekend, Little Rock, Arkansas; June 13, 1992

"An Overview of Antiemetic Therapy: Emphasis on Ondansetron". Des Moines, Iowa; June 20, 1991.

"An Overview of Antiemetic Therapy: Emphasis on Ondansetron". Omaha, Nebraska; June 19, 1991.

"An Overview of Antiemetic Therapy: Emphasis on Ondansetron". Wichita, Kansas; March 20, 1991.

"Update on Monoclonal Antibody Technology," Utah Society of Hospital Pharmacists, Spring Meeting, Salt Lake City, Utah; March 16, 1991.

"An Overview of Antiemetic Therapy: Emphasis on Ondansetron". Little Rock, Arkansas; March 5, 1991.

"Interferons" American Society of Hospital Pharmacists Twenty-Fourth Annual MidYear Clinical Meeting, Atlanta, Georgia. December 7, 1989

"Development, Implementation, and of a Chemotherapy Order Form" with McIntyre W, Sauer K, and Nowak M. American Society of Hospital Pharmacists Twenty-Fourth Annual MidYear Clinical Meeting, Atlanta, Georgia, December, 1989. (Poster Presentation).

"Monoclonal Antibody Technology," Virginia Society of Hospital Pharmacists, Fall Meeting, Richmond, Virginia, October 20, 1989.

"Drug Reactions and Interactions in Hospice Patients," Kentucky Association of Hospice, Spring Meeting, Covington, Kentucky, April 28, 1989.

"Treatment of Nausea and Vomiting," Kentucky Hospice Association, Spring Meeting, Covington, Kentucky, April 28, 1989.

"The Clinical Use of Intravenous Immunoglobulins," Middleton Microbiological Society, Middleton, Ohio, April 20, 1989.

"Use of Cytokines in the Treatment of Immunologic and Neoplastic Diseases," Southwestern Clinical Pharmacy Seminar, Tucson, Arizona, February 18, 1989.

"Treatment of Cancer Pain," Boyle County Medical Society, Danville, Kentucky, January 24, 1989.

"The Pharmacokinetics of GR-380-32F: A Serotonin Antagonist with Antiemetic Activity," with McIntyre W, Stevenson LM, Chandler MHH, and Macdonald JS. American Society of Hospital Pharmacists, MidYear Clinical Meeting, Dallas, Texas, December, 1988 (Poster Presentation).

"Acyclovir Clearance with Continuous Arteriovenous Hemofiltration a Pediatric Case Report" with Kuhn RJ, Jenkins RA, and Toler SM. American Society of Hospital Pharmacists, MidYear Clinical Meeting, Dallas, Texas, December 1988 (Poster Presentation)

"Cancer Chemotherapy: An Overview of New Therapies." Lexington, KY, September 25, 1988.

"Treatment of Chemotherapy-Induced Nausea and Vomiting." Lexington, KY, May 15, 1988.

"Managing Chemotherapy Administration: Infusion Devices." Current Oncology Practice: Managing the Cancer Patient. A Joint Pharmacy Nursing Symposium. Phoenix, AZ., March 26, 1988.

"Cancer Therapy from Immunochemistry Advances Implication for Pharmacy Practice." Lexington, KY, October 31, 1987.

"Treatment of Cancer Pain." Pain Management: Challenges for Home Care, Lexington, KY, June 18, 1988.

"Immunotherapy: Implications for Pharmacist." Ohio Pharmaceutical Seminar, Columbus, OH, April 1987.

"Amphotericin B. Stability in Dialysate Fluids." with Butts J, Bouvette R, and Smith A. American Society of Hospital Pharmacists MidYear Clinical Meeting, Atlanta, GA , December 1987 (Poster Presentation).

"Chemotherapy and It's Side Effects." Jefferson County Academy of Pharmacy, Louisville, KY, April 13, 1986.

"Treatment of Cancer Pain." Jefferson County Academy of Pharmacy, Louisville, KY, April 13, 1986.

"Antibiotic Cost Containment." Antimicrobial Therapy and the Internal Medicine Resident, Miami, Florida, January, 1986.

"Alterations in Creatinine Production in Cushingoid Patients." with Kolpek JH, and Blouin RA. American Society of Hospital Pharmacists MidYear Clinical Meeting, New Orleans, December, 1985 (Poster Presentation).

"The effects of Amphotericin B on Platelet Aggregation in vitro." with Hansen LA. American Society of Hospital Pharmacist MidYear Clinical Meeting, New Orleans, December, 1985 (Poster Presentation).

"Drugs and Drug Reactions in the Elderly," Lawrence County Medical Society, Louisa, KY, October 17, 1985.

"Antibiotic Cost Containment," Lincoln County Medical Society, Stanford, KY, August 30, 1985.

"Home Chemotherapy," South Carolina Society of Hospital Pharmacists Spring Meeting, Charleston, SC, May, 1985.

"Antibiotic Therapy in the Neutropenic Patient," South Carolina Society of Hospital Pharmacists Spring Meeting, Charleston, SC, May, 1985.

"A Study Investigating the in vitro Binding of Intravenous Cyclosporine to Medication Administration Sets" with Barton SD, Haver VM, and Porter WH. American Society of Hospital Pharmacists MidYear Clinical Meeting, Dallas, December, 1984 (Poster Presentation).

"A Computer Model for Antibiotic Regimen Cost Analysis - A Descriptive Report." with Hansen LA, Waite WW, and Rapp RP. American Society of Hospital Pharmacists MidYear Clinical Meeting, Dallas, December, 1984 (Poster Presentation).

"Cost Comparison of Seven Antimicrobial Combination as Empiric Therapy in Febrile Neutropenic Patients." with Waite WW, Hanson LA, Rapp RP. American Society of Hospital Pharmacists MidYear Clinical Meeting, Dallas, December, 1984 (Poster Presentation).

"Home Cancer Chemotherapy." presented at a Continuing Education Program entitled: "Intravenous Therapy and Nutrition Technology-Update for 1984." Lexington, Kentucky, August 18, 1984.

"Treatment of Cancer Pain." presented at a Nursing Symposium on the "Issues in the Care of the Dying Cancer Patient," sponsored by the McDowell Cancer Network, Lexington, Kentucky, August 15, 1984.

"Chemotherapy and the Cancer Patient." sponsored by Southeast Community College Continuing Education Program, Cumberland, Kentucky, May 18, 1984.

"Infections in Cancer Patients and Management of Pain in the Treatment of the Terminally Ill Patient." University of Kentucky Kappa Psi 75th Anniversary Program, February 17, 1984, Lexington, Kentucky.

"The Microbiological Safety and the Amino Acid Stability of Mixed Parenteral Nutritional Solutions Stored for Thirty Days" with Bertch KE and Rapp RP. American Society of Hospital Pharmacists MidYear Clinical Meeting, Atlanta, December, 1983 (Poster Presentation).

"Chemotherapy Update." Albert B. Chandler Medical Center Nursing Inservice Program, Lexington, Kentucky, November 8-9, 1983.

"Treatment of Cancer Pain." Bluegrass Oncology Nurses Association, Lexington, Kentucky, October 6, 1983.

"Oncology Update 1983." McDowell Cancer Network, Ashland, Kentucky, April 28, 1983.

"Diabetes Insipidus: A Case of Antidiuretic Hormone Resistance" with Lakarosky P, and Record KE. American Society of Hospital Pharmacists MidYear Clinical Meeting, Los Angeles, California, December, 1982 (Poster Presentation).

"Cancer Chemotherapy: A Multidisciplinary Approach." McDowell Cancer Network, Richmond, Kentucky, December 2, 1982.

"Cancer Chemotherapy: A Multidisciplinary Approach." McDowell Cancer Network, Somerset, Kentucky, November 8, 1982.

"Effects of Enteral Nutritional Supplementation on Warfarin Therapy: A Case Study" with Record KE, Griffith GL, Zeok JB, and Todd EP. American Society of Hospital Pharmacists MidYear Clinical meeting, New Orleans, Louisiana, December, 1981 (Poster Presentation).

"Sharing Group." (Panel Discussion), Bluegrass Oncology Nurses Association, Lexington, Kentucky, November, 1981.

"The Use of Ibuprofen in Metastatic Bone Pain." Southeast Regional Conference for Hospital Pharmacy Teachers, Residents, and/or Graduate Students, University of Georgia, Athens, Georgia, March, 1981.

"Patient Education Programs in the Community Pharmacy." Nebraska Pharmaceutical Association Annual Convention, Kearney, Nebraska, May, 1979.

## PUBLICATION

### (Refereed):

Gardner S, and Parr MD. Drug Monograph: Oral HMG-CoA Reductase Inhibitors. University Hospital Consortium; Technology Information Service. 1993

Parr MD, McIntyre W, Stevenson LM, Chandler, MHH and Macdonald JS. Pharmacokinetics of Ondansetron in Patients Receiving Cisplatin Therapy. Clin Pharm. 1992; 11:1026-9.

Mehta RC, Head LF, Hazrati AM, Parr MD, Rapp RP, and DeLuca PP. Fat Emulsion Particle-size Distribution in Total Nutrient Admixtures. Am J Hosp Pharm. 1992; 49:2749-55.

Parr MD, Messino MJ, and McIntyre W. Allogeneic Bone Marrow Transplantation: Procedures and Complication. Am J Hosp Pharm. 1991; 48:127-37.

Chandler MHH, Stevenson LM, & Parr MD. Improved Nursing-Phlebotomy-Pharmacy Communications: Evaluation of An Aminoglycoside Monitoring Form. Am J Hosp Pharm. 1989; 46:2508-10.

Kolpek JH, Blouin RA, Parr MD. Alterations in Creatinine Production in Cushingoid Patients. Drug Intell Clin Pharm. 1989; 23: 974-977.

Sauer KA, Nowak MM, Coons SJ, Parr MD, McIntyre WJ. Justification and Implementation of a Cancer Center Pharmacy Satellite. Am J Hosp Pharm. 1989;46:1389-1392.

Foster TS, Kielar RA, Blouin RA, Parr MD, Barton SD, Perchak GJ, Johnson JB. Effect of Four Dosage Regimens of Methazolamide on Intraocular Pressure. Glaucoma. 1989;11:67-71.

Ferretti GA, Ash RC, Brown AT, Parr MD, Romond EF, Lillich TT: Control of Oral Mucositis and Candidiasis After Intensive Chemotherapy/Radiation in Marrow Transplantation. A Prospective, Double Blind Study Involving Chlorhexidine Gluconate. Bone Marrow Transplant. 1988; 3:483-493.

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Parr MD, Hansen LA, Rapp RP: Cost Comparison of Ceftazidime Versus Tobramycin/Ticarcillin Therapy in Three Hospitals. Drug Intell Clin Pharm. 1988; 8:628-631.

Parr MD, Barton SD, Haver VM, Porter WH. Cyclosporine Binding to Medication Administration Sets (Letter). Drug Intell Clin Pharm. 1987; 22:1734.

Parr MD, Hansen LA, Bush B, Rapp RP. What is the Cost of An Aminoglycoside Level (Letter). Am J Hosp Pharm. 1987; 6:1312.

Kolpek JH, Parr MD, Marshall ML, Flueck JA. Ethchlorvynol Pharmacokinetics During Long-term Administration in a Patient with Hyperlipidemia and Hypothyroidism. Pharmacotherapy. 1986; 6:323-327.

Tami JA, Parr MD, Brown S, Thompson JS. Monoclonal Antibody Technology. Am J Hosp Pharm. 1986; 43:2816-2825.

Tami JA, Parr MD, and Thompson JS. The Immune System. Am J Hosp Pharm. 1986; 43:2483-93.

Parr MD, Hansen LA, Waite WW, Rapp RP. Computer Program for Comparing Total Cost of Intravenous Antibiotic Regimens. Am J Hosp Pharm. 1986; 43:2189-93.

Parr MD, Bertch KE, and Rapp RP: Amino Acid Stability and Microbial Growth in Total Parenteral Nutrient Solutions. Am J Hosp Pharm. 1985; 42:2688-9.

Parr MD, Waite WW, Hansen LA, and McDaniel PA: Cost Comparison of Seven Antimicrobial Combinations as Empiric Therapy in the Febrile Neutropenic Patient. Am J Hosp Pharm. 1985; 42:2484-8.

Parr MD, Record KE, Griffith GL, Zeok JB, and Todd EP: Effect of Enteral Nutrition on Warfarin Therapy. Clin Pharm. 1982, 1:274-6.

Parr MD, Record KE, Griffith GL, Zeok JB, and Todd EP: Effect of Enteral Nutrition on Warfarin Therapy, (abstract) Am J Hosp Pharm. 1982, 39:1242-3.

(Non-Refereed):

Book Review of Organ Transplants: A Patient's Guide. Am J Hosp Pharm. 1993; 50:1296-7.

Parr MD, Doukas M, Drug-Induced Hematologic Disorders. In DiPiro JT, Talbert RL, Hayes PE, Yee GC, Matzke GR, Posey LM: Pharmacotherapy: A Pathophysiologic Approach, Ed. 2. Norwalk, CT, Appleton & Lange. 1993:1475-1486.

McIntyre WJ, Parr MD, Infections in the Immunosuppressed Patient. In Herfindal ET, Gourley DR, Hart LL: Clinical Pharmacy and Therapeutics, Ed. 5. Baltimore, Williams and Wilkins. 1992:1248-1260.

Parr MD, Transplantation Immunology. In Koeller J, Tami J: Concepts in Immunology and Immunotherapeutics, Ed 1. American Society of Hospital Pharmacy. 1990:289-324

Parr MD, Infections in the Immunosuppressed Patient. In Herfindal ET, Gourley DR, Hart LL: Clinical Pharmacy and Therapeutics, Ed. 4. Baltimore, Williams and Wilkins. 1988:843-853.



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Parr MD, Doukas M, Drug-Induced Hematologic Disorders. In Posey LM, DiPiro JT, Talbert RL, Hayes PE, Yee GC: Pharmacotherapy: A Pathophysiologic Approach, Harvard, MA, Elsevier Science Publishing Co. 1988:1028-1037.

Book Review of Immunology, Immunopathology and Immunity. Am J Hosp Pharm. 1988; 7:705.

"Proper Care of the Hickman Catheter" (Videotape). Released by Wyeth Laboratories, 1985.

"Proper Care of the Hickman Catheter" (Booklet). Published by Wyeth Laboratories, 1985.

#### REVIEWER OF JOURNALS OR BOOKS

Reviewer, Clinical Pharmacy

Reviewer, Drug intelligence and Clinical Pharmacy

#### AWARDS, ELECTED, and APPOINTED POSITIONS

Member, Programming, Innovation & Engagement Committee - University Health-System Consortium, January 2003 to Present

Member; Membership Advisory Committee - American Society of Health System Pharmacists, January 2006 to December 2007

Member, Pharmacy Executive Committee - University Health-System Consortium, January 2003 to December 2006

Member, Public Affairs Committee - Arkansas Pharmacists Association July 2002 to June 2003

Chairman, Communication Committee - Novation Purchasing Group, October 2001 to October 2002

Member, Communication Committee - Novation Purchasing Group, March 1998 to October 2002

Board Member, Arkansas Association of Health-System Pharmacists, 1993 to 2002.

President, Arkansas Association of Hospital Pharmacists, 1992.

Board Member, Arkansas Pharmacists Association, 1992.

President-Elect, Arkansas Association of Hospital Pharmacists, 1991.

Outstanding Senior Pharmacy Student, Nebraska Society of Hospital Pharmacists, May, 1980.

Outstanding Senior Pharmacy Student, The Rho Chi Society, Alpha Epsilon Chapter, May, 1980.

Who's Who Among Students in American Universities and Colleges, 1979-80.

President of the Senior Class, University of Nebraska College of Pharmacy, 1979-80.

Vice-President of the Junior Class, University of Nebraska College of Pharmacy, 1978-79.

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### PROFESSIONAL ORGANIZATIONS

Arkansas Association of Health-System Pharmacists

Arkansas Pharmacists Association

American Society of Health-System Pharmacists

American Pharmaceutical Association

Rho Chi

Kappa Psi Pharmaceutical Fraternity

### CONSULTANTSHIPS

American Journal of Hospital Pharmacy; Editorial Advisory Board; 1994 to 1995.

Clinical Pharmacy; Editorial Advisory Board; 1991-1993

Cetus Corporation; Pharmacy Advisor Board; 1988-1991

### PERSONAL INFORMATION

Birth Date: August 14, 1955 - Norfolk, Nebraska

Social Security No: 506-82-4569

Marital Status: Married

Children: Samuel Phillip

Alexander Wayne

Pharmacy Licensure: Kentucky No. 8470

Arkansas No. 7627