

CURRICULUM VITAE

Paul L. Doering

Personal Data

Date and Place of Birth: February 25, 1949
Miami, Florida

Marital Status: Married August 22, 1970
Cheryl Dianne Rainey

Children: Christopher Paul, Born May 19, 1973
Tracy Cathleen, Born May 16, 1977
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Education

Master of Science (Clinical Pharmacy) 1975 University of Florida

Bachelor of Science (Pharmacy) 1972 University of Florida

Certificate 1974 Residency in Clinical Pharmacy,
Shands Teaching Hospital,
Gainesville, Florida

Thesis Adverse Drug Reaction
Surveillance and Drug
Utilization in an
Obstetrical Population

Professional Licensure

Registered Pharmacist, State of Florida, 1973	License No. 13473
Consultant Pharmacist, State of Florida, 1973	Certificate No. 618
Registered Pharmacist, State of North Carolina, 1974	License No. 6122

Employment Record and Responsibilities

September 2006 – Present Distinguished Teaching Scholar, University of Florida. Inducted into the 2006 class of the University of Florida's Academy of Distinguished Teaching Scholars. This is in recognition of sustained innovation and commitment to teaching throughout one's career and for articulating a vision for promoting excellence in teaching across the University of Florida's campus.

April 1995 - Present Distinguished Service Professor of Pharmacy Practice and Co-Director, Drug Information and Pharmacy Resource Center, College of Pharmacy, University of Florida. Responsible for preparing, presenting and evaluating course material for undergraduate and graduate pharmacy students; conducting scholarly activity; and, providing service to the University and lay community. Responsible for administrative and educational aspects of DIPRC.

August 1988 - 1995 Professor of Pharmacy Practice and Co-Director, Drug Information and Pharmacy Resource Center, College of Pharmacy, University of Florida. Responsible for preparing, presenting and evaluating course material for undergraduate and graduate pharmacy students; conducting scholarly activity; and, providing service to the University and lay community. Responsible for administrative and educational aspects of DIPRC.

September 1981 - 1988 Associate Professor of Pharmacy Practice and Director, Drug Information and Pharmacy Resource Center, College of Pharmacy, University of Florida. Responsible for preparing, presenting and evaluating course material for undergraduate and graduate pharmacy students; conducting scholarly activity; and, providing service to the University and lay community. Responsible for administrative and educational aspects of DIPRC.

January 1976 - 1981 Assistant Professor of Clinical Pharmacy, Department of Pharmacy Practice, College of Pharmacy, University of Florida. Responsible for preparing, presenting and evaluating course material for undergraduate and graduate pharmacy students; conducting scholarly activity; and providing service to the University and lay community.

- June 1974 - January 1976 Research Assistant, Department of Medicine, College of Medicine, University of Florida. Responsible for designing, implementing and participating in a study of obstetrical adverse drug reactions at the Shands Teaching Hospital.
- 1973 - 1974 Registered Pharmacist, North Florida Regional Hospital, Gainesville, Florida (part-time). Responsible for the professional pharmacy services provided in this 125 bed hospital.
- 1973 - 1974 Registered Pharmacist, Various Community Pharmacies (Relief Basis), Gainesville, Florida. Responsible for professional pharmacy services and management activities in these local pharmacies.
- 1972 - 1973 Graduate Teaching Assistant, University of Florida College of Pharmacy. Responsible for teaching laboratory and discussion sections of various courses to undergraduate pharmacy students.
- 1970 - 1972 Pharmacy Intern, Dampier's Westside Pharmacy, Gainesville, Florida. Responsible for professional pharmacy services and management activities under the direct supervision of a registered pharmacist.
- 1970 Pharmacy Intern, Cedars of Lebanon Hospital, Miami, Florida. Responsible for providing professional pharmacy services under the direct supervision of a registered pharmacist.

Professional Awards

- Professor of the Year Elected by senior class of 1976 - 1977, University of Florida, College of Pharmacy.
- Professor of the Year Elected by senior class of 1982 - 1983, University of Florida, College of Pharmacy.
- Professor of the Year Elected by senior class of 1984 - 1985, University of Florida, College of Pharmacy.
- Professor of the Year Elected by senior class of 1986 - 1987, University of Florida, College of Pharmacy.
- Teacher of the Year Selected by the Curriculum Committee in 2001-2002 following nomination by students
- Faculty recognition award Elected by senior class of 1990 - 1991, University of Florida, College of

	Pharmacy.
Faculty recognition award	Elected by senior class of 2003-2004, University of Florida, College of Pharmacy
Fellow, Academy of Pharmacy Practice and Management	American Pharmaceutical Association, 1990.
Distinguished Service Professor	For distinction in teaching and/or service while at the University of Florida, this is the highest rank and honor bestowed by the university.
Distinguished Alumni Professor	Named by the UF National Alumni Association as the outstanding professor for the entire university, nominated by one of its Alumni.
Florida Blue Key Distinguished Faculty Award	Named by Florida Blue Key Honor Society at the University of Florida as an outstanding faculty member campus wide.
Who's Who in America	
Who's Who of Drug Prevention Leaders	In Recognition of Distinguished Service to Florida Communities in the field of Drug Abuse Prevention Awarded by the Florida Prevention Partnership

Academic Awards and Honors

Rho Chi Award, 1970	Awarded for highest scholastic average in first professional year of pharmacy school.
Gold Merit Award, 1972	Presented by the Ladies Auxiliary of the Florida Pharmaceutical Association.
1973 - 1974	Who's Who Among Students in American Universities and Colleges.
Upjohn Award, 1972	For excellence in biopharmaceutics and clinical pharmacy.
D. W. Ramsaur Award, 1972	Awarded for highest scholastic achievement of graduating pharmacy class.
Teacher of the Year	Recognized five times as Teacher of the Year for the College of Pharmacy
Distinguished Alumni Professor	University of Florida's National Alumni Association for 1997-98 of sustained teaching contributions to the students of the University of Florida.

Honorary Societies

Rho Chi Pharmaceutical Honor Society
Phi Kappa Phi National Honor Society
Phi Lambda Sigma Pharmacy Leadership Honorary

Research Interests

Drug information, adverse drug reactions, drug interactions, toxicology of drug products, over-the-counter medicines, herbal medicines, drug effects on the fetus and neonate, and innovative teaching methods.

Publications - Books and Chapters

Doering PL: "Obstetrical Drug Monitoring" in *Drug Monitoring: Drug Utilization and Adverse Reactions*, eds. Cluff LE, Philip JR, Stewart RB, Williams and Wilkins, Baltimore, 1977.

Doering PL: "Drugs During Pregnancy and Lactation" in *Perinatal Intensive Care Nursing Training Manual*, University of Florida, 1979.

Doering PL and Pevonka MP: *Evaluation and Selection of OTC Products: A Self-instructional Program*, Health Sciences Consortium, Chapel Hill, NC, 1979.

Doering PL: "Obstetrical Analgesia and Anesthesia" in *Obstetrical Intervention and Technology in the 1980's*, ed., Young, D. The Haworth Press, New York, 1983.

Doering PL: "Drug Therapy of Food Allergies" in *Food Allergies and Adverse Reactions*, ed. Perkin, JE. Aspen Publishers, Inc., Gaithersburg, MD, 1990

Perkin JE and Doering PL, "Nutrition and HIV Infection" in *Shands Hospital at the University of Florida Guide to Clinical Dietetics* Kendall/Hunt Publishing Co. Dubuque, Iowa, 1992, pp. 113-122.

Doering PL, "Weight Control Products" in , *Handbook of Nonprescription Drugs*, 11th Edition, American Pharmaceutical Association, Washington, D.C., 1996, 915 pages.

Doering PL, in *Pharmacotherapy: A Pathophysiologic Approach*, 4th ed. "Substance-Related Disorders I: Overview, and Stimulants, Depressants, and Hallucinogens," Appleton and Lange, Stamford, Connecticut, 1999, 2440 pages.

Doering PL, in *Pharmacotherapy: A Pathophysiologic Approach*, 4th ed. "Substance-Related Disorders II: Alcohol, Nicotine, and Caffeine," Appleton and Lange, Stamford, Connecticut, 1999, 2440 pages.

Doering PL, "Overweight and Obesity" in , *Handbook of Nonprescription Drugs*, 12th Edition, American Pharmaceutical Association, Washington, D.C., 2000, 1088 pages.

Doering PL. in *Pharmacotherapy: A Pathophysiologic Approach*, 5th ed. "Substance-Related Disorders I: Overview, and Stimulants, Depressants, and Hallucinogens," Appleton and Lange, Stamford, Connecticut, 2001, pg. 1183-1202.

Doering PL, in *Pharmacotherapy: A Pathophysiologic Approach*, 5th ed. "Substance-Related Disorders II: Alcohol, Nicotine, and Caffeine, Appleton and Lange, Stamford, Connecticut, 2001, 1202-1218.

Doering PL, "Overweight and Obesity" in, *Handbook of Nonprescription Drugs*, 13th Edition, American Pharmaceutical Association, Washington, D.C., 2002, 1190 pages.

Boothby LA, Doering, PL. Health Promotion and Disease Prevention, in *Pharmacy Self-Assessment Program (PSAP) Fifth Edition*. American College of Clinical Pharmacists, 2005. pp 165-188.

Doering PL. *Pharmacotherapy: A Pathophysiologic Approach*, 6th ed. Substance-Related Disorders I: Overview, and Stimulants, Depressants, and Hallucinogens, Appleton and Lange, Stamford, CT.

Doering PL. *Pharmacotherapy: A Pathophysiologic Approach*, 6th ed. Substance-Related Disorders II: Alcohol, Nicotine, and Caffeine, Appleton and Lange, Stamford, CT.

Boothby LA , Doering PL. Drug-induced Birth Defects. In *Drug-Induced Diseases*, First Edition. James Tisdale, editor. Published by the American Society of Health System Pharmacists

Publications in Refereed Journals

Doering PL and Stewart RB. The Character and Extent of Drug Consumption During Pregnancy, *JAMA* 239:843, 1978.

Roberts RW, Stewart RB, Doering PL and Yost RL. Contributions of a Clinical Pharmacist in a Private Group Practice of Physicians, *Drug Intelligence and Clinical Pharmacy* 12:210, 1978.

Lambert ZV, Doering PL, McCormick WC and Goldstein EG. Predispositions Toward Generic Drug Acceptance, *Journal of Consumer Research* 7:14, 1980.

Strauss RG, Dase DF and Doering PL. Prolonging Paracervical Block Anesthesia: The Addition of Dextran to 2-Chloroprocaine, *American Journal of Obstetrics and Gynecology* 133:891-893, 1979.

Hyde NA, Pevonka MP, Doering PL, McCormick WC and Stewart RB. Non-pharmacy Outlets Providing Prescription Medications to Ambulatory Patients, *Contemporary Pharmacy Practice* 2:117-122, 1979.

Dahlin PA, Hawkins I and Doering PL. The Safety of Tolazoline in Renal Angiography, *AJR* 137:381-386, 1981.

Salem RB, Wilder BJ, Yost RL, Doering PL, and Lee C. Rapid Phenytoin Infusion for Administration

of Loading Doses, *American Journal of Hospital Pharmacy* 38:354-357, 1981.

Doering PL, Brackbill Y, McManus K, Woodward L and McClave JT. Prenatal Drugs: Patient Information and Its Sources, *Contemporary Pharmacy Practice* 5:112-119, 1982.

Doering PL and House ML. Pharmacy Student Perception of Characteristics and Activities of Pharmacy Faculty: Basic Science Compared with Pharmacy Practice, *American Journal of Pharmaceutical Education* 45:184-189, 1981.

Doering PL, McCormick WC, Klapp DK and Russell WL. Therapeutic Substitution and the Hospital Formulary System, *American Journal of Hospital Pharmacy* 38:1949-51, 1981.

Doering PL, McCormick WC, Klapp DK and Russell WL. State Regulatory Positions Concerning Therapeutic Substitutions in Hospitals, *American Journal of Hospital Pharmacy* 38:1900-3, 1981.

Roberts RJ, Robinson JD, Doering PL, Dallman JJ and Steeves RA. A Comparison of Various Types of Patient Instruction in the Proper Administration of Metered Inhalers, *Drug Intelligence and Clinical Pharmacy* 16:53-55, 1982.

Lapierre G, Algozzine GJ, and Doering PL. Effect of Magnesium Citrate on the In-Vitro Adsorption of Aspirin by Activated Charcoal, *Clinical Toxicology* 15:793-6, 1981.

Algozzine GJ, Stein GH, Doering PL, and Araujo OE. Triethanolamine Salicylate Cream in Osteoarthritis of the Knee, *JAMA* 247:1311-1313, 1982.

Tartaglione TA, Doering PL, Araujo OE, and Notelovitz M. Estrogen Therapy in Post-menopausal Women, *U.S. Pharmacist* 6:62-71, 1981.

Hittel WP, and Doering PL. A Pharmaceutical, Pharmacokinetic and Therapeutic Review of Salicylates, *Florida Pharmacy Journal* 46:16-21, 1982.

Doering PL, Klapp DK, McCormick WC, and Russell WL. Therapeutic Substitution Practices in Short-Term Hospitals, *American Journal of Hospital Pharmacy* 39:950-958, 1982.

Hittel WP, Hatton RC, and Doering PL. Establishing a Core Drug Information Library Based on Experiences of a Statewide Center, *Florida Journal of Hospital Pharmacy* 2:No.1, 1982.

Woodward L, Brackbill Y, McManus K, Doering P, and Robinson D. Exposure to Drugs With Possible Adverse Effects During Pregnancy and Birth, *Birth* 9:165-71, 1982.

McManus K, Brackbill Y, Woodward L, Doering P, and Robinson D. Consumer Information About Prenatal and Obstetric Drugs, *Women and Health* 7:15-29, 1982.

Doering PL. Drugs During Pregnancy and Lactation, *Florida Pharmacy Journal* 47:8-14, 1983.

Doering PL and Pohl J. Fraudulent Prescriptions: Exposing an Elaborate Drug Diversion Scheme, *Florida Pharmacy Journal* 47:8-10, 1983.

Doering, PL. Clinical Pharmacy: Two Steps Forward, One Step Back, *Drug Intelligence and Clinical Pharmacy* 17:564-565, 1983.

Klapp DL, Doering PL, Russell WL, and McCormick WC. Formulary Management Through Therapeutic Substitution: Factors Behind the Decision, *Hospital Formulary* 18:956-61, 1983.

Russell WL, Lopez LM, Normann SA, Doering PL, and Guild RT. Effect of Antacids on Predicted Steady-State Cimetidine Concentrations, *Digestive Diseases and Sciences* 29:385-389, 1984.

Doering PL. Drugs and Pregnancy: Reassurance is the Best Recommendation, *Patient Counseling in Community Pharmacy* 2:2-7, 1983.

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Doering PL, Russell WL, Klapp DK, and McCormick WC. Therapeutic Substitution: Has Its Time Arrived? *Hospital Formulary* 19:834-840, 1984.

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Tan P, Flowers FP, Araujo FP, Araujo OE, and Doering PL. Effect of Topically Applied Flurbiprofen on Ultraviolet-Induced Erythema, *Drug Intelligence and Clinical Pharmacy* 20:496-499, 1986.

Araujo OE, DeSantis DE, and Doering PL. A Survey of the Professional Interrelations of Pharmacists

and Dermatologists, *Drug Intelligence and Clinical Pharmacy* 20:876-880, 1986.

Shelly DW, Doering PL, Russell WL, Guild R, Lopez L, Perrin J. The Effect of Concomitant Antacid Administration on Plasma Cimetidine Concentrations During Repetitive Dosing, *Drug Intelligence and Clinical Pharmacy* 20:792-795, 1986.

Parish RL, Doering PL. Treatment of Amanita Mushroom Poisonings - A Review, *Veterinary and Human Toxicology* 28:318-322, 1986.

Doering PL. Missing: Reports of Clinical Experience with Generic Drugs, *Drug Intelligence and Clinical Pharmacy* 20:675-676, 1986.

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Doering PL, Araujo OE, and Flowers FP. Generic Equivalence of Dermatologic Products; How equivalent is equivalent?, *Journal of the American Academy of Dermatology* 16:1068-1070, 1987.

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Russell WL, Hatton RC, Doering PL. The Need for Formulary Networking Among Florida Hospitals: Results of a Survey. *Fla J Hosp Pharm* 1989;6:19-28.

Doering PL, Davidson CL, LaFauce L, and Williams CA. Effects of Cocaine on the Human Fetus: A Review of Clinical Studies. *DICP, The Annals of Pharmacotherapy*. 1989;23:639-45.

Doering PL and Santiago TA. Drugs For Treatment of Vulvovaginal Candidiasis: Comparative Efficacy of Agents and Regimens. *DICP, The Annals of Pharmacotherapy* 24:1078-83:1990.

Doering PL and Hatton RC. Basic Bibliographies: Obstetrics. *Hospital Pharmacy* 1990, 25:290.

Hatton RC, Doering PL. Organization and operation of pharmacy and therapeutics committees in the state of Florida: a questionnaire. *Hosp Formul* 1990;25:983-9.

Ruck BL, Hatton RC, Doering PL. Comparison of two self-instructional staff development programs for adverse drug reaction monitoring. *Am J Hosp Pharm* 1990;47:2062-4.

Russell WL, Hatton RC, Doering PL. The Need for Formulary Networking Among Florida Hospitals: Results of a Survey. *Fla J Hosp Pharm* 1989;6:19-28.

Eng-HJ; Bulfer-BA; Doering-PL; Kimberlin-CL. Assessment of the Florida pharmacist self-care consultant law using a trained shopper method. *J Pharm Mark Manage* 1991; 5:27-52.

Doering PL, Araujo OE, Frohnapple DJ, et al. Patterns of Prescribing of Isotretinoin: Focus on Women of Childbearing Potential. *Annals of Pharmacotherapy*, 1992;26:155-61.

Wix AR, Doering PL, and Hatton RC. Drug-Food Interaction Counseling Programs in Teaching Hospitals. *AJHP* 1992;49:855-60.

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Doering, PL and Hatton, RC. Basic bibliography-Obstetrics. *Hospital Pharmacy*, 1993;28:927.

Beltz, SD and Doering, PL. Efficacy of Nutritional Ergogenic Aids. *Clinical Pharmacy*, 1993;12:900-908.

Delafuente JC, Munyer TO, Angaran DM, and Doering PL. Problem solving active-learning course in pharmacotherapy. *Am J Pharm Educ* 1994; 58(1): 61-64.

Doering, PL and Kerber, LM. Basic Bibliography-Bioequivalence. *Hospital Pharmacy*, 1994;259-60.

Doering PL and Hall KR. Using the "Smart Pill" to Teach About Substance Abuse. *Annals of Pharmacotherapy*, 1994;28:390-1.

Doering PL and Kerber LM. Aspectos Teóricos do Uso de Medicamentos Durante a Gravidez e Amamentação. *Infarma* 1994;2(N 6).

Levin AC, Doering PL, and Hatton RC. Use of nifedipine in the hypertensive diseases of pregnancy. *Ann Pharmacother* 1994;28:1371-8.

Barclay LP, Hatton RC, and Doering PL. Physicians' perceptions and knowledge of drug cost: Results of a survey. *Hosp Formul* 1995;30:268-279.

Doering PL. Prescribing authority for pharmacists- Part 1: Different approaches, different opportunities. *Florida Pharmacy Today* 1995;59:11-13.

Doering PL. Prescribing authority for pharmacists- Part II: The Florida Experience. *Florida Pharmacy Today* 1995;59:11-14.

Doering PL. Prescribing Authority for pharmacists- Part III: Where do we go from here? *Florida*

Pharmacy Today 1996;60:9-11, 22-25(Oct.).

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Tebbett, IR, Doering P, and Hatton RC. Clinical Relevance of Physical Chemistry. *American Journal of Pharmaceutical Education* 1997;61:188-192.

Hilleman D, Miller MA, Parker R, Doering P, and Pieper JA. Optimal management of amiodarone therapy: efficacy and side effects. *Pharmacotherapy* 1998; 18(6 Suppl 2): 138S-145S.

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Heineck, I, Ferreira, MBC, Doering, PL, and Schenkel, EP. Accuracy of medical records in documenting drug therapy in routine surgical procedures. *Hospital Pharmacy* 1999;946-948.

Okun MS, Doering PL, and Bartfield RB. GHB toxicity: What you need to know. *Emergency Medicine* 2000;32:10-12,19-20,23.

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Doering PL. "How to Be an Effective Clerkship Instructor." *Journal of Pharmacy Teaching* 2001:8:69-74.

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Boothby LA and Doering PL. FDA labeling system for Drugs in Pregnancy. *Annals of Pharmacotherapy* 2001;35:1485-9.

Boothby LA and Doering PL. Hypertension complicating pregnancy: when pressures rise. *U.S. Pharmacist-Health Systems Edition* 2001;26:HS18-HS19,HS22-HS24.

Doering PL, Boothby LA and Cheok M. Review of Pregnancy Labeling of Prescription Drugs-Is the Current System Adequate to Inform of Risks? *American Journal of Obstetrics and Gynecology*. 2002;187:333-9.

Boothby LS and Doering PL. Free Authors' Reply: Unbound drug concentration versus unbound drug fraction. *Annals of Pharmacotherapy* 2002;36:732. (letter).

Weaver SJ and Doering PL. Cerivastatin and the Dissemination of Adverse Event Information. *Annals of Pharmacotherapy*. 2002;36:1099-1103.

- Weaver SJ and Doering PL. Looking ahead: Recommendations for planning and improving adult vaccination programs. *Pharmacy and Therapeutics (P&T)*. 2003;28:209-215.
- Boothby LA and Doering PL. New drug update of 2002—Part 1. *Drug Topics*. 2003;5:80.
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- Boothby LA and Doering PL and Hatton RC. Carisoprodol: A Marginally Effective Skeletal Muscle Relaxant with Serious Abuse Potential. *Hospital Pharmacy* 2003;38:337-345.
- Doering PL. Treatment of menopause post WHI: What now?. *Drug Topics*. April 21, 2003;147:85-94.
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- Doering PL and Boothby LA. Drug testing in the workplace: What the pharmacist should know. *Drug Topics* Sep. 15, 2003;147:68
- Murray RA, Doering PL, Boothby LA, Merves, ML, McCusker RR, Chronister CW, and Goldberger BA. Putting an Ecstasy Test Kit to the Test: Harm Reduction or Harm Induction? *Pharmacotherapy* 2003;23:1238-1244.
- Boothby LA and Doering PL . Blood pressure control in older persons: How low do we go? *Drug Topics* Jan. 26, 2004;148:72.
- Boothby LA, Doering PL, and Kipersztok S. Bioidentical hormone therapy: a review. *Menopause*. 2004 11(3):356-67.
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- Boothby LA, Doering PL. New Drug Update. 2004 Part 1: *Drug Topics* 2005;149(3):60-73.

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Publications in Non-refereed Journals

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Adverse Drug Reaction Surveillance and Drug Utilization in an Obstetrical Population. Presented at the 6th Annual Regional Conference of Hospital Pharmacy Residents, Graduate Students and Preceptors, Athens, GA, 1975.

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Survey of Substitution of Non-Chemically Equivalent Drug Products as Therapeutic Analogues: Research in Progress. Paul L Doering, Wayne L. Russell and Deborah Klapp. Presented at American Society of Hospital Pharmacists 15th Annual Clinical Midyear Meeting, San Francisco, 1980.

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Drug Information Services: Centerpiece for the Evolution of the Clinical Pharmacy Movement in the Unites States, Using Drug Information to Answer Patient Specific Questions, Problem Solving Workshop, and How to Establish a Drug Information Center, Continuing Education Program In Drug Information /Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhauser, Ostfildern, Germany, May 26-28, 1997.

Patterns of Use of Chemical Substances on College Campuses- What's Hot and What's Not, Annual Meeting of the American College Health Association, New, Orleans, Louisiana, May 31, 1997.

Self-Care Counseling Roundtable- Laxatives, American Pharmaceutical Association 145th Annual Meeting and Exposition, Miami, Florida, March 21, 1998.

Opportunities for Success in Self-Care and Disease Prevention: Helping Patients Manage the Switch from Rx to OTC. American Pharmaceutical Association 145th Annual Meeting and Exposition, Miami, Florida, March 21, 1998.

Supplements and Nutrition: What's New and Does it Work? The 9th Annual SEC Sports Medicine Symposium, Atlanta, Georgai, March 4, 1999.

Self-Care Counseling Roundtable- Laxatives and Internal Analgesics, American Pharmaceutical Association 146th Annual Meeting and Exposition, San Antonio, Texas, March 6, 1999.

Patterns of Use of Chemical Substances: What's Hot and What's Not. Alabama Society of Health-System Pharmacists Annual Meeting, Mobile, Alabama July 14, 1998.

Herbal Medicines and the Hospital Formulary: Where Do They Fit. Florida Society of Health-

System Pharmacists 32nd Annual Meeting, Orlando, Florida, August 8, 1998.

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Date Rape Drugs. The Sexual Battery Committee of the Gainesville Commission on the Status of Women, Gainesville, Florida, May 4, 1999.

Herbal and Homeopathic Remedies: Where Do They Fit? 14th Annual Southern Regional Conference on Diabetes Mellitus. Diabetes Care: Meeting the Challenge. American Diabetes Association, Orlando, Florida, May 27, 1999.

Herbal Medicines: The US Experience. 2nd Symposium on the New Developments in Clinical Pharmacy and Clinical Pharmacology, Université de Reims Champagne Ardenne, France. June 6, 1999.

Using Drug Information to Answer Patient Specific Questions, and How to Establish a Drug Information Center, Continuing Education Program In Drug Information /Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhauser, Ostfildern, Germany, June 9, 1999.

Evolution of Clinical Pharmacy in the US: A Truly Long Journey. A Special Seminar for Faculty and Students, Faculty of Pharmacy, University of Tuebingen, Tuebingen, Germany, June 8, 1999.

Medication Misadventures: The Legal Perspective. Florida Society of Health-System Pharmacists Midyear Meeting, Jacksonville, Florida, August 13, 1999.

Herbal and Homeopathic Remedies: Where Do They Fit? Florida Society of Health-System Pharmacists 33rd Annual Meeting, Orlando, Florida, August 22, 1999.

Sports Supplements. Florida Medical Association Annual Meeting, Bal Harbour, Florida, September 30, 1999.

Herbal and Homeopathic Remedies: Where Do They Fit? 21st Annual Health Care Professional Seminar, American Diabetes Association, Orlando, Florida, October 22, 1999.

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Alternative Medicine Update for Psychiatrists. Florida Psychiatric Society 2000 Spring Meeting, St. Petersburg, Florida, April 8, 2000.

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Nutritional Supplements as Ergogenic Aids in Sport, National Athletic Trainers' Association 51st Annual Meeting and Clinical Symposia, Nashville, Tenn., July 2, 2000.

What You Should Know About Prescription and OTC Medicines. Seminar for enrollees in the Women's Health Initiative, Sponsored by the College of Medicine, University of Florida, Gainesville, Florida, September 16, 2000.

Herbal Medicines: Back to Our Roots. Lecture given to the Grand Guard, College of Pharmacy Alumni graduating 50 years ago, College of Pharmacy, University of Florida, Gainesville, Florida, September 22, 2000.

Drugs of Abuse: A Comprehensive Approach. C.E. Mendez Foundation 601 S. Magnolia Ave. Tampa, Florida 33606, October 5, 2000.

Street Drugs: What's Hot and What's Not. Pediatric Grand Rounds, College of Medicine, University of Florida, Gainesville, Florida, October 11, 2000.

Use of Drugs on College Campuses: What's Hot and What's Not, The Florida College Health Nurses Association Annual Conference, "Shaping the Mind, Body and Spirit of the Future." Gainesville, Florida, November 3, 2000.

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Street Drugs. Florida Society of Health-System Pharmacists Spring Meeting, Ft. Lauderdale, Florida, March 24, 2001.

Date Rape Drugs. The Sexual Battery Committee of the Gainesville Commission on the Status of Women, Inc. 18th Annual Conference, Gainesville, Florida, May 7, 2001.

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Implementing Drug Information in the Pharmacy Curriculum, University of Regensburg, Germany June 11, 2001

Evolution of Clinical Pharmacy in the US and Using Drug Information to Answer Patient Specific Questions Continuing Education Program, Drug Information /Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhauser, Ostfildern, Germany, June 19-20, 2001.

Role of the Pharmacist in Self-Care Pharmacy, Seminar for Community Pharmacists, Stuttgart, Germany June 19, 2001

Street Drugs- What Pharmacists Should Know. 3rd Symposium, New Developments in Clinical Pharmacology and Clinical Pharmacy, Dresden, Germany, June 16, 2001.

Herbal Medicines: Fact and Fiction. 29th Annual Education Conference, Florida Association of Medical Examiners. Daytona Beach, Florida. November 2, 2001.

Herbal Medicines: Fact and Fiction. Spring Meeting and Conference, Georgia Society of Health System Pharmacists. Lake Lanier, Georgia. March 16, 2002.

Using Drugs Safely and Effectively. Wedgworth Leadership Institute for Agriculture and Natural Resources, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, Florida, July 7, 2002.

Sports Supplements. Summer Meeting and Conference, Georgia Society of Health System Pharmacists. Amelia Island, Florida. July 12, 2002.

Evolution of Clinical Pharmacy in the US and Using Drug Information to Answer Patient Specific Questions Continuing Education Program, Drug Information /Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhauser, Ostfildern, Germany, June 10-12, 2002.

Evolution of Clinical Pharmacy in the US. Invited Seminar given to students and faculty at the Faculty of Pharmacy, Free University of Berlin, Berlin, Germany, June 14, 2002.

Club Drugs and Other Street Drugs: A Pharmacology Update. Training of Trainers, The Mendez Foundation Drug Prevention Program, Tampa Florida. August 5, 2002.

The Impact of Drugs in our Community. 2002 Regional Drug Summit- "Building Assets and Reducing Risks." Gainesville, Florida. September 19, 2002.

Date Rape Drugs. Marion County Rape Crisis Unit, Ocala, Florida, October 17, 2002.

Club Drugs and Other Street Drugs: A Pharmacology Update. Florida Statewide Prevention Conference 2002- Closing the Gateway to Drugs: Engaging Families, Schools, and Communities. Florida Alcohol and Drug Abuse Association, Kissimmee, Florida, November 14, 2002.

Pharmacology and Assessment of Chronic Pain and Prevention of Diversion. 18th Annual Clinical Symposium, Florida A&M University, Tallahassee, Florida April 11, 2003.

Drugs of Abuse: What's Hot and What's Not. Mendez Foundation, Tampa, Florida January 29, 2003.

Club Drugs and Other Street Drugs: A Pharmacology Update. Florida Alcohol and Drug Abuse Association Adolescent Treatment Issues Conference- Youth in Turmoil. Tampa, Florida February 25, 2003.

Labeling of Drugs Used During Pregnancy. Grand Rounds, Department of Obstetrics and Gynecology, College of Medicine, University of Florida, Gainesville, Florida February 28, 2003.

Drug Regulation and Its Legal Implications. Criminology and Law Honor Society, University of Florida, Gainesville, Florida 1.0 hour. March 27, 2003.

Pharmacology and Assessment of Chronic Pain and Prevention of Diversion. 26th Annual Clinical Pharmacy Symposium, "Addressing the Disparities of Prescription Drug Misuse and its Abuse Potential in the Minority Community," Florida A&M University, Tallahassee, Florida April 11, 2003.

Drug Use of College Campuses: What's Hot and What's Not. Standing Committee on Alcohol and other drug Education Policy, University of Florida, Gainesville, Florida, April 17, 2003.

The Meaning of Dedication: A Faculty Member's Perspective. Dedication Ceremony for the Health Professions, Nursing, and Pharmacy (HPNP) Building Dedication, University Florida, Gainesville, Florida, April 25, 2003.

Why Does the Prescribing of Opiates Have to be Such a Pain? Hospice Nurses, Columbus Regional Medical Center, Columbus, Georgia, April 30, 2003.

Drug Use of College Campuses: What's Hot and What's Not, Pharmacy Grand Rounds, Columbus Regional Medical Center, Columbus, Georgia, May 1, 2003

Reducing Drug Diversion Means Making Good Use of Available Resources Pharmaceutical Drug Diversion Training Conference, Florida Department of Law Enforcement, Gainesville, Florida, May 20, 2003.

Evolution of Clinical Pharmacy in the US. and Using Drug Information to Answer Patient

Specific Questions, Continuing Education Program, Drug Information /Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhauser, Ostfildern, Germany, June 25-27, 2003.

Testing for Drugs of Abuse. Summer Meeting and Conference, Georgia Society of Health System Pharmacists. Amelia Island, Florida. August 2, 2003.

Street Drugs of Abuse. Summer Meeting and Conference, Georgia Society of Health System Pharmacists. Amelia Island, Florida. August 3, 2003.

Abuse of Prescription Drugs. 2003 Regional Drug Summit- “A Call To Action.” Gainesville, Florida. September 25, 2003.

Club Drugs and Other Street Drugs: A Pharmacology Update. 2003 Florida Alcohol and Drug Abuse Association Annual Conference- “Transforming Lives: Supporting Resilience, Recovery and Renewal.” Orlando, Florida, August 20, 2003.

Treatment of Postmenopausal Women in Light of the WHI: What Now? Drug Information PRN, 2003 ACCP Annual Meeting, Atlanta, Georgia. November 3, 2003.

Moderator, “Drug Information Technologies and Resources.” 2003 ACCP Annual Meeting, Atlanta, Georgia. November 11, 2003.

How to Be Innovative When Teaching Drug Information. Meet the Experts, 2003 ACCP Annual Meeting, Atlanta, Georgia. November 4, 2003.

Pharmacy View of Prescription Drug Abuse and Prescription Monitoring Programs. Violent Crime and Drug Control Council, Florida Department of Law Enforcement, State of Florida, St. Augustine, Florida, December 9, 2003.

Slim Chance: Diet Pills Promise Rapid Weight Loss, With Faulty Tactics. ABC 20/20 News Program, Aired April 23, 2004.

Pharmacy Drug Diversion Georgia Society of Health-System Pharmacists Summer Meeting, Amelia Island, Florida. August 1, 2004.

Youth and the Abuse of Prescription Drugs: An Increasing Trend. 2004 Florida Statewide Prevention Conference- “Keys to Strengthening Prevention in Florida” Florida Alcohol and Substance Abuse Association. Orlando, Florida, August 17, 2004.

Pregnancy labeling for prescription drugs: Is the current US system working? 5th Symposium New Developments in Clinical Pharmacy and Clinical Pharmacology, Global Gator Meeting, June 4, 2005 Leuven, Belgium.

Evolution of Clinical Pharmacy in the US, Organization and Operation of a Drug Information

Center, and How to Evaluate the Medical/Pharmaceutical Literature, Certification Course on Drug Information Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhaus, Ostfildern, Germany, June 3-5, 2005.

The Medicare Part D Prescription Drug Plan: Good or Bad? Opening debate, American Society for Clinical Pharmacology and Therapeutics, 106th Annual Meeting, Orlando Florida. March 3, 2005.

Common Challenges in Clinical Trial Data Interpretation Curricular Track 4 – Contemporary Issues with Clinical Trials- American College of Clinical Pharmacy 2004 Annual Meeting, Dallas, Texas. October 25, 2004.

Tools for Handling a Media Blitz: Media Training from a Public Relations Standpoint, Women's Health and Drug Information Focus Session, Media Blitz: How to Respond to Patients and the Media When they Get the Story First. American College of Clinical Pharmacy 2005 Spring Practice and Research Forum, Myrtle Beach, South Carolina. May 12, 2005.

Pharmacological Aspects Related To Those With Co-Occurring Disorders: Understanding Medications And Inter-Actions With Illicit Drug Use. 2005 National Forum on Clinical Skills Building for Co-Occurring Disorders, Florida Alcohol and Drug Abuse Association and State Associations of Addiction Services. Orlando, Florida September 22, 2005.

Drugs of Abuse: An Update. Florida Society of Health-System Pharmacists 40th Annual Meeting. A Time to Education. A Time to Celebrate. Orlando, Florida, August 5, 2006.

Statistics Refresher. Annual Florida Pharmacy Residency Research Forum. Florida Society of Health-System Pharmacists 40th Annual Meeting. A Time to Education. A Time to Celebrate. Orlando, Florida, August 5, 2006.

An Update on Drug Abuse on College Campuses. Florida College Health Association, October 21, 2006. Gainesville, Florida.

Understanding the Abuse of Pharmaceutical Medications and Street Drugs, Florida Alcohol and Drug Abuse Association (FADAA) Annual Conference, August 16, 2006, Orlando, Florida.

Drug Abuse and the Student Athlete. Santa Fe Community College Athletic Association, Gainesville, Florida. August 21, 2006.

Essential Information for Seniors About Prescription and Over-the-Counter Medications. PrimeTime Institute at Santa Fe Community College, Gainesville, Florida, August 22, 2006.

Drugs of Abuse: Just Say Know. Hippodrome Improvisational Teen Theatre (HITT, Lofton High School, Gainesville, Florida, October 10, 2006.

Supplements, Steroids, and Sports: What Every Athlete Needs to Know. Community Lecture

Series, Shands Rehab/UF Orthopaedics, University of Florida, Gainesville, Florida, October 17, 2006.

Drugs of Abuse in the Youth Population: What's Hot and What's Not. 5th Annual Training Conference, "Serving Youth: Strategies that Work" Hosted by William P. Cervone, Office of the State Attorney 8th Judicial Circuit, & The Florida Network of Victim Witness Services, Friday, January 26, 2007 in Gainesville, Florida

Drugs and Violent Crime. "You Bet It's Real." The Drug Connection to Violent Crime. Faces of Violent Crime. The Gainesville (Florida) Police Department summit on violent crime. April 28, 2007, Gainesville, Florida.

Date Rape Drugs. "When Partying Hurts," The Alcohol—Rape Connection. Faces of Violent Crime. The Gainesville (Florida) Police Department summit on violent crime. April 28, 2007, Gainesville, Florida.

How Can a Pharmacist Assist in Internet Diversion Prosecutions? Internet Drug Diversion Seminar, Office of Legal Education, Executive Office for United States Attorneys, Department of Justice, Columbia, South Carolina, May 10, 2007.

Prescription Drug Diversion and Abuse: A Growing Problem in the US. 6th Symposium New Developments in Clinical Pharmacy and Clinical Pharmacology, Global Gator Meeting, June 9, 2007 Munich, Germany.

Evolution of Clinical Pharmacy in the US, Medication History Interviewing, Communication Skills for the Pharmacist, Certification Course on Drug Information Clinical Pharmacy Seminar, Co-sponsored by the Baden-Wuerttemberg Regional Pharmacy Chamber and the German Society for Clinical Pharmacy, Kreiskrankenhaus, Ostfildern, Germany, June 12-14, 2007.

Drug Interactions. Elder Nutrition and Food Safety Workshop, Gainesville, Florida August 14, 2007.

Overview of medications for pre-diabetes and diabetes. Diabetes Education and Prevention Train-the-Trainer Workshop, Florida Department of Health, Gainesville, Florida, August 15, 2007.

Professional and Civic Organizations

Member, American Association of Colleges of Pharmacy

Member, American Pharmacists Association

Member, American Society of Health-System Pharmacists

Member, Florida Pharmacy Association

Member, Florida Society of Hospital Pharmacists

Member and past-president, Alachua County Association of Pharmacists

Member, American College of Clinical Pharmacists

Member, North Central Florida Society of Hospital Pharmacists

Member, National Association of Drug Diversion Investigators

Member, Trinity United Methodist Church

Professional Appointments and Consultantships

Past-Member, Board of Directors, Corner Drugstore, Inc., Drug Abuse Prevention and Treatment Program (President - 1984 - 1985)

Consultant, State of Florida, Department of Professional Regulation

Member, Athletic Drug Testing Committee, University of Florida Athletic Association

Advisory Resource, Entertainment Industries Council, Inc.'s *First Draft* program

Steroid Advisory Committee, Florida High School Athletic Association