

STATE OF SOUTH CAROLINA ) IN THE COURT OF GENERAL SESSIONS  
COUNTY OF YORK ) FOR THE SIXTEENTH JUDICIAL CIRCUIT  
 )  
 )  
State of South Carolina, ) Warrant Nos.: 2024A4620302560 – 2564  
 )  
 )  
vs. ) **MEMORANDUM IN SUPPORT OF**  
 ) **MOTION TO SET BOND**  
 )  
 )  
Zachary East Elias, )  
 )  
Defendant. )  
\_\_\_\_\_

**TO: THE HONORABLE WILLIAM MCKINNON:**

On June 24, 2025, Defendant Zachary East Elias, through his undersigned attorneys, submitted a Motion to Set Bond and requested a hearing. The Solicitor's Office, in coordination with the Clerk of Court, set this matter for a hearing on September 15, 2025 at 10:00AM. In advance of this hearing, Mr. Elias now offers this memorandum in support of his Motion to Set Bond in this case:

**INTRODUCTION**

Zachary Elias is a 29-year-old man with no prior criminal history, no substance abuse or mental health issues, and deep family and community ties. The presumption under South Carolina law is that defendants are entitled to bond absent a clear showing that they pose a danger to the community or a risk of flight. Here, the tragic events underlying this case arose not from criminal intent, but from involuntary intoxication induced by a mislabeled and deceptively marketed products sold as legal substances by the Budiman Smoke Shop. Zach poses no danger outside of those extraordinary and unforeseeable circumstances, and conditions of bond can fully ensure community safety and court appearance.

CERTIFIED TRUE COPY

2025 SEP 11 AM 10:54

ANNE M. BRANT  
CLERK OF COURT  
YORK COUNTY, SC

## STATEMENT OF FACTS

The allegations in this case are that in the afternoon of December 4, 2024, Zach legally purchased two “Silly Farms Wavy Wafer” chocolate bars from Budiman Smoke Shop in Rock Hill, South Carolina. The bars were marketed as containing only lawful mushroom derivatives and explicitly promoted as a CBD-style legal alternative. Zach consumed the products in reliance on these representations.

Subsequent testing by the South Carolina Law Enforcement Division (SLED) revealed that the chocolate bars in fact contained *psilocin*, an illegal, dangerous Schedule I controlled substance.<sup>1</sup> Unaware of this, Zach involuntarily ingested the substance and suffered acute drug-induced psychosis. It is alleged that while in this psychotic state, he returned to the smoke shop and discharged a firearm, tragically injuring one individual and fatally wounding two others. The South Carolina State Law Enforcement Division (SLED) tested a sample of Zach’s blood from the evening of the shooting. The results of SLED’s testing confirmed the presence of illegal psilocin as a result of consuming the legally-purchased chocolate.<sup>2</sup>

Zach has no criminal record, no history of violence, and no history of substance abuse or mental illness. He is supported by a close, upstanding and responsible family, who are willing to post bond and ensure compliance with any conditions set by this Court.

Zach’s alleged actions were not the product of malice, planning, or criminal disposition, but rather the direct and involuntary effect of ingesting a mislabeled, illegal product.

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<sup>1</sup> See attached Exhibit 1 – SLED Laboratory results (Silly Farms Wavy Wafer chocolate bars)

<sup>2</sup> See attached Exhibit 2 – SLED Laboratory results (Blood sample of Zachary Elias)

## **LEGAL STANDARD**

Under South Carolina law, the issue of bond in a criminal case is governed by S.C. Const. Art. I, § 15 and S.C. Code Ann. § 17-15-10.

Section 17-15-10 provides:

“A person charged with a noncapital offense triable in either the magistrates, county or circuit court, shall, at his appearance before any of such courts, be ordered released pending trial on his own recognizance without surety in an amount specified by the court, unless the court determines in its discretion that such a release will not reasonably assure the appearance of the person as required, or unreasonable danger to the community or an individual will result. If such a determination is made by the court, it may impose any one or more of the following conditions of release:

- (1) require the execution of an appearance bond in a specified amount with good and sufficient surety or sureties approved by the court;
- (2) place the person in custody of a designated person or organization agreeing to supervise him;
- (3) place restrictions on the travel, association, or place of abode of the person during the period of release;
- (4) impose any other conditions deemed reasonably necessary to assure appearance as required, including a condition that the person return to custody after specified hours.”

In making a determination about whether a bond is appropriate, courts should consider the totality of circumstances, including the nature of the charges, the weight of the evidence, the defendant’s character, prior record, community ties, and whether the defendant poses a flight risk or danger to the community.

## **ARGUMENT**

### **I. Zachary Elias Poses No Danger to the Community Absent the Extraordinary Circumstance of Involuntary Intoxication**

The State will likely argue dangerousness based on the charged conduct. However, this Court must evaluate dangerousness in context. Zach's actions were not the product of volition, criminal intent, or flawed character. Rather, the evidence shows that the ingestion of mislabeled chocolate bars caused an involuntary, drug-induced psychosis. *But for the deceptive sale of these illegal products, this tragedy would not have occurred.* Zach's lifelong record of law-abiding behavior, his lack of any substance abuse history, and his stable family and community support establish that outside the extraordinary circumstance of involuntary intoxication, he is not a danger to others.

## **II. Expert Testimony Confirms Zach's Lack of Volition**

The defense will present expert testimony from Dr. Daniel Buffington, a nationally recognized clinical pharmacologist with more than three decades of professional and academic experience.<sup>3</sup> Dr. Buffington reviewed the toxicological evidence and concluded that ingestion of the chocolate bars containing psilocybin directly caused Zach's acute drug-induced psychosis. Dr. Buffington's findings confirm that Zach's conduct was the product of involuntary intoxication, not criminal intent or predisposition.<sup>4</sup> Dr. Buffington will testify that this psychosis rendered Zach incapable of understanding or controlling his actions. In his opinion, the behavior was not the product of criminal volition but rather an involuntary pharmacological reaction to hidden psilocybin.

This testimony is critical to the determination of whether Zach poses any ongoing risk, which is highly relevant to the issue of bond. It shows that the charged conduct arose

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<sup>3</sup> See attached Exhibit 3 – Curriculum Vitae for Dr. Daniel Buffington

<sup>4</sup> See attached Exhibit 4 – Preliminary report of Dr. Daniel Buffington

from a unique, isolated, and externally triggered episode that is not likely to recur. Zach therefore presents no ongoing danger to the community.

### **III. Zachary Elias Is Not a Flight Risk**

Zach comes from a supportive, stable family with deep roots in South Carolina. His family is prepared to post bond and to ensure his compliance with all conditions of release. Zach has no prior record, no history of absconding, and a defensible case.

Acknowledging that there is absolutely no justification for the arbitrary taking of human life, Zach has a legally defensible case which he looks forward to presenting at the appropriate time. In other words, he has every incentive to appear in court to answer these charges and poses no realistic risk of flight.

### **IV. Appropriate Bond Conditions Can Ensure Safety and Compliance**

Should the Court find any residual concern, reasonable conditions can fully safeguard the community, including:

- Electronic GPS monitoring and home confinement;
- Continued evaluation and monitoring by a licensed mental health provider,
- Residence with and supervision by family members, and
- Any other condition the Court deems necessary.

These conditions will ensure that Zach remains under close supervision and that the community remains protected.

### **CONCLUSION**

This Court is required to balance Zach's rights with legitimate concerns about community safety and flight risk. Here, while the seriousness of the allegations and the

reality of the tragedy to the victims and their families is obvious, Zach's spotless record, strong family support, and the unique pharmacological explanation for his conduct establish that he is neither a danger to the community nor a flight risk. With appropriate conditions, a surety bond will fully secure Zach's appearance in court and safeguard the community.

For these reasons, Zachary Elias respectfully requests that this Court set a reasonable surety bond with conditions as outlined above.

Respectfully submitted,



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Alexandra Benevento  
STROM LAW FIRM, LLC  
6923 N. Trenholm Road, Ste 200  
Columbia, South Carolina 29206

Shaun C. Kent  
KENT LAW FIRM, LLC  
19 S. Mill Street  
Manning, South Carolina 29102

*Attorneys for Zachary Elias*

Columbia, South Carolina  
This the 12<sup>th</sup> day of September, 2025.

# Exhibit 1

FITSNEWS

# SOUTH CAROLINA LAW ENFORCEMENT DIVISION

## FORENSIC SERVICES LABORATORY REPORT

HENRY D. MCMASTER  
*Governor*



MARK A. KEEL  
*Chief*

January 17, 2025

Rebecca Askew  
Rock Hill Police Department  
120 East Black Street  
Rock Hill, SC 29730

**DRUG ANALYSIS**  
SLED LAB: L24-19492  
Your Case No: 2412040123  
Incident Date: 12/4/2024  
[S] Zachary Elias  
[V-Deceased] Emad Saadalla  
[V-Deceased] Celcei Johnson  
[V] Leana Thabet

This is an official report of the South Carolina Law Enforcement Division Forensic Services Laboratory and is to be used in connection with an official criminal investigation. These examinations were conducted under your assurance that no previous examinations of person(s) or evidence submitted in this case have been or will be conducted by any other laboratory or agency.

Mark A. Keel, Chief  
South Carolina Law Enforcement Division

### ITEMS OF EVIDENCE:

Heat sealed pouch

**Item: 4** Zip lock bag containing chocolate bar.

**RESULTS:**

Psilocin (C-I) found in the sample tested; 1 tested.

**Item: 31** "Silly Farms MAGIC MUSHROOM CHOCOLATE" box with residue.

**RESULTS:**

No analysis performed.

**Item: 32** "Silly Farms MAGIC MUSHROOM CHOCOLATE" box containing plastic bag containing partial chocolate bar.

**RESULTS:**

Psilocin (C-I) found in the sample tested; 1 tested.



P.O. Box 21398, Columbia, South Carolina 29221-1398 Phone (803) 896-7300 Fax (803) 896-7351

**Item: 34** "Purple" vape pen containing wax substance.

**RESULTS:**

Delta-8-Tetrahydrocannabinol (THC) (C-I) found in the sample tested; 1 tested. No weight obtained.

Delta-9-Tetrahydrocannabinol (THC) found.

**Item: 36** "Wavy Wafer" box containing two "Silly Farms MAGIC MUSHROOM CHOCOLATE" boxes each containing plastic bag containing chocolate bar.

**RESULTS:**

Psilocin (C-I) found in the sample tested; 1 tested.

**Item: 37** "Wavy Wafer" box containing ten "Silly Farms MAGIC MUSHROOM CHOCOLATE" boxes each containing plastic bag containing chocolate bar.

**RESULTS:**

Psilocin (C-I) found in the sample tested; 2 tested.

*This report contains the conclusions, opinions and interpretations of the analyst whose signature appears below, and the control schedule for substance(s) listed within the report is based on the date the report was issued.*

*Technical records supporting the conclusions in this report are available upon request. Afford sufficient time for production.*



Shana B. Sorrells  
Forensic Scientist



P.O. Box 21398, Columbia, South Carolina 29221-1398 Phone (803) 896-7300 Fax (803) 896-7351

January 17, 2025  
L24-19492

Page 3 of 3

### Supplement to Analysis for Controlled Substance

I, Shana Sorrells, am a Forensic Scientist employed by the South Carolina State Law Enforcement Division (SLED), certified by SLED as a Forensic Scientist qualified to perform testing and analysis for controlled and/or dangerous substances prohibited by law in this State by Title 44, Chapter 53 of the Code of Laws and Rule 61-4 of the Department of Health and Environmental Control.

I have 18 years and 9 months experience as a Forensic Scientist. During that period, I have been qualified as an expert witness and testified in court no less than 50 times. I have received the following training as a Forensic Scientist.

B.S. Chemistry, University of South Carolina, 2003

M.S. Analytical Chemistry, University of South Carolina, 2005

South Carolina Law and Legal Training, South Carolina Criminal Justice Academy, 2006

Forensic Scientist, Toxicology Department, South Carolina Law Enforcement Division, 2006-2014

Drug Evaluation and Classification Training, South Carolina Criminal Justice Academy, 2006

Training in Forensic Drug Analysis, South Carolina Law Enforcement Division, 2014

I tested the above item(s) using the following legally reliable forensic laboratory procedures approved by SLED:

Chemical Test

Gas Chromatography

Microscopic Exam

Mass Spectroscopy

Infrared Spectroscopy

Physical Test

Visual Examination

Published Literature

Forensic Scientist



Shana B. Sorrells

Date: January 17, 2025



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# Exhibit 2

FITSNEWS

# SOUTH CAROLINA LAW ENFORCEMENT DIVISION

## FORENSIC SERVICES LABORATORY REPORT

HENRY D. MCMASTER  
*Governor*



MARK A. KEEL  
*Chief*

Rebecca Askew  
Rock Hill Police Department  
120 East Black Street  
Rock Hill, SC 29730

### TOXICOLOGY DEPARTMENT

February 06, 2025  
SLED No: L24-19492  
Your Case No: 2412040123  
Incident Date: 12/04/2024

[S] Zachary East Elias  
[V-Deceased] Emad Makram  
Thabet Saadalla  
[V-Deceased] Celcei Neil Johnson  
[V] Leana Thabet

This is an official report of the South Carolina Law Enforcement Division Forensic Services Laboratory and is to be used in connection with an official criminal investigation. These examinations were conducted under your assurance that no previous examinations of person(s) or evidence submitted in this case have been or will be conducted by any other laboratory or agency.

Mark A. Keel, Chief  
South Carolina Law Enforcement Division

#### ITEMS OF EVIDENCE

**Item: 3**      Sample Type: Blood (Toxicology) - labeled "Zachary Elias"

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#### Analysis by Headspace Gas Chromatography (GC) and/or Headspace Gas Chromatography/Mass Spectrometry (GC/MS)

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Analyte	Result	Units	Threshold
Ethanol	Negative	% (g/dL)	0.01

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2/6/25

## Screen by Enzyme Linked Immunosorbent Assay (ELISA)

Analyte	Result	Units	Threshold
Amphetamine	Negative	ng/mL	20.00
Barbiturates	Negative	ng/mL	100.00
Benzodiazepines I	Negative	ng/mL	20.00
Benzodiazepines II	Negative	ng/mL	10.00
Benzodiazepines III	Negative	ng/mL	10.00
Buprenorphine	Negative	ng/mL	1.00
Cocaine Metabolite	Negative	ng/mL	50.00
Dextromethorphan	Negative	ng/mL	10.00
Fentanyl	Negative	ng/mL	1.00
Generic Opioids	Negative	ng/mL	10.00
Meprobamate	Negative	ng/mL	300.00
Methadone	Negative	ng/mL	25.00
Methamphetamine	Negative	ng/mL	20.00
Opiates	Negative	ng/mL	10.00
Oxycodone I	Negative	ng/mL	10.00
Oxycodone II	Negative	ng/mL	10.00
Phencyclidine	Negative	ng/mL	5.00
Tramadol	Negative	ng/mL	10.00
Tricyclic Antidepressants	Negative	ng/mL	60.00
Zolpidem	Negative	ng/mL	10.00

## Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Analyte	Result	Units	Threshold
Tetrahydrocannabinol Synonyms: THC	11	ng/mL	1.00
Psilocin	Positive		
Comprehensive Analysis			

A comprehensive drug screen utilizing gas chromatography/mass spectrometry and liquid chromatography/tandem mass spectrometry was performed on this sample. With the exception of the compound(s) listed, no other drugs or poisons of concern were found.



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2/6/25

*This report contains the conclusions, opinions and interpretations of the analyst whose signature appears below.*  
*Technical records supporting the conclusions in this report are available upon request. Afford sufficient time for production.*



Quintus Young II  
Forensic Toxicologist

CC: Matt Davis - South Carolina Law Enforcement Division

For any additional interpretation of results please contact the Toxicologist above at the SLED Toxicology Department , (803) 896-7385.

**FITS NEWS**



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# Exhibit 3

FITSNEWS

## CURRICULUM VITAE

### DANIEL E. BUFFINGTON, PharmD, MBA

Clinical Pharmacology Services, Inc.  
6285 E. Fowler Ave  
Tampa, FL 33617

813-983-1500 Clinic  
813-983-1501 Fax  
813-679-0792 Cell

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#### PERSONAL:

Place of Birth      Clearwater, FL  
Citizenship      United States

#### EDUCATION:

Postgraduate	<b>Emory University Hospital</b> Pharmacy Practice Residency Clinical Pharmacology Fellowship Atlanta, GA	07/87 – 06/88 07/88 – 06/89
	<b>Mercer University, School of Pharmacy</b> Doctor of Pharmacy (PharmD) Atlanta, GA	08/83 - 06/87
	<b>Mercer University, College of Business &amp; Economics</b> Master of Business Administration (MBA) Atlanta, GA	06/87 – 05/95
Undergraduate	<b>University of South Florida</b> Biology Tampa, FL	08/80 – 08/83

#### SPECIALTY TRAINING:

**National Association of Drug Diversion Investigators (NADDI)**  
**Southern Regional Training**  
Certified Drug Diversion Investigator & Training Conference  
St. Pete Beach, FL  
05/07-08/15 & 05/17/23

**Transportation & Management of Hazardous Materials**  
Certified Transportation & Management of Hazardous Materials  
Morton Plant Mease Hospital, Tampa, FL  
09/08/01

**Nephrology Preceptorship**

University of Pittsburgh, School of Pharmacy, Dr. Gary Matzke  
Pittsburgh, PA  
10/25/95

**EMPLOYMENT:**

01/07 – Present      **American Institute of Pharmaceutical Sciences, Inc.**  
President & CEO  
Tampa, FL

05/91 – Present      **University of South Florida**  
**College of Medicine**  
Department of Internal Medicine  
Division of Clinical Pharmacology  
Clinical Associate Professor of Medicine  
Tampa, FL  
05/1991 – 2000

**College of Pharmacy**  
Department of Pharmacotherapeutics and Clinical Research  
Clinical Associate Professor of Pharmacy  
Tampa, FL  
2011 - Present

**College of Nursing**  
Clinical Pharmacology for Advanced Registered Nurse  
Practitioners  
1998 – 2002

01/90 - Present      **Clinical Pharmacology Services, Inc.**  
President & CEO  
Tampa, FL

**PRIOR EMPLOYMENT:**

03/14 – 2019      **United States Center for Medicare and Medicaid Services (CMS)**  
Washington, DC & Baltimore, MD  
2014 - 2019

**Center for Medicare and Medicaid Innovation (CMMI)**  
ORISE Fellow – Medication Safety Expert  
03/2014 – 10/2016

**Center for Clinical Standards and Quality (CCSQ)**  
Technical Expert - Medication Management and Safety  
11/2016 – 01/2019

10/13 -07/15	<b>North Shore Long Island Jewish Health System</b> CareConnect® and LiveWell® Director of Pharmacy Long Island, NY
06/89 - 06/91	<b>H. Lee Moffitt Cancer Center</b> Gynecology/Oncology, Infectious Diseases, Clinical Research Clinical Pharmacist Tampa, FL
03/89 - 09/90	<b>Professional Designs, Inc.</b> Presentation Graphics & Design Consulting President & CEO Atlanta, GA
01/85 - 06/89	<b>Beta Technology</b> Medical Computer Systems and Presentation Consulting President & CEO Atlanta, GA

**LICENSES:**

Florida (Pharmacy)	PS 0024260
Georgia (Pharmacy)	RPH 0150301

**NATIONAL PROVIDER ID (NPI):**

Daniel E. Buffington, PharmD	1285634667
Clinical Pharmacology Services	1861781338

**FACULTY AFFILIATIONS:**

<b>Belmont University</b>	College of Pharmacy Clinical Preceptor Nashville, TN 2018 – Present
<b>Creighton University</b>	College of Pharmacy Clinical Preceptor Omaha, NE 2007 – Present
<b>Florida A&amp;M University</b>	College of Pharmacy Clinical Preceptor Tampa, FL 1999 – Present
<b>Idaho State University</b>	College of Pharmacy Affiliate Faculty Member Pocatello, ID 2004 – Present

**Lake Erie College of  
Osteopathic Medicine**

College of Pharmacy  
Clinical Preceptor  
Bradenton, FL  
2010 – Present

**Larkin University, College of  
Pharmacy**

College of Pharmacy  
Adjunct Instructor  
Miami, FL  
2019 – Present

**Marshall University**

School of Pharmacy  
Adjunct Faculty  
Huntington, WV  
2018 – Present

**Medical University of South  
Carolina**

College of Pharmacy  
Clinical Preceptor  
Charleston, SC  
2019 – Present

**Mercer University**

Southern School of Pharmacy  
Adjunct Faculty, Department of Pharmacy  
Atlanta, GA  
2000 – Present

**Nova Southeastern University**

College of Pharmacy  
Department of Pharmacy Practice  
Clinical Assistant Professor of Pharmacy  
North Miami Beach, FL  
1996 – Present

**Palm Beach Atlantic University**

Lloyd L Gregory School of Pharmacy  
Clinical Instructor of Pharmacy Practice  
West Palm Beach, FL  
2003 – Present

**Philadelphia College of  
Osteopathic Medicine**

College of Pharmacy  
Clinical Assistant Professor of Pharmacy Practice  
Suwanee, GA  
2013 – Present

**Shenandoah University**

College of Pharmacy  
Preceptor  
Winchester, VA  
2004 – Present

**University of Connecticut**

College of Pharmacy  
Gratis Adjunct Clinical Instructor of Pharmacy  
Practice  
Storrs, CT  
2014 – Present

Guest Professorship  
02/2012 – 04/2012

<b>University of Florida</b>	College of Pharmacy Department of Pharmacy Practice Assistant Clinical Professor & Clinical Preceptor Gainesville, FL 1990 – Present
<b>University of Iowa</b>	College of Pharmacy Primary Preceptor and Site Coordinator Iowa City, IA 2019 – Present
<b>University of South Carolina</b>	College of Pharmacy Clinical Preceptor Columbia, SC 2018 – Present
<b>University of South Florida</b>	College of Pharmacy Clinical Associate Professor of Pharmacy Tampa, FL 2007 – Present

#### **PROFESSIONAL & COMMUNITY ORGANIZATIONS:**

##### **NATIONAL**

National Association of Drug Diversion Investigators, 2015 – Present

Healthcare Information and Management Systems Society (HIMSS), 2018 – Present

- Member North American Chapter

National Academies of Practice, 2016 – Present

- Practitioner Fellow

American Pharmaceutical Association (APHA), 1985 – Present

- Government Affairs Committee, 2013 – Present
- Board of Trustees Executive Committee,
  - First Term, 2011 – 2014
  - Second Term, 2016-2019
- Finance Committee, 2016 - 2019
- APHA Delegate, 2011 – Present
- Strategic Directions Committee, 2011 - Present
- STAT Task Force - Reimbursement for Pharmacy Services, 1995, 1996
- Academy of Pharmaceutical Care Specialists, 1996 – Present
- Student APA, Vice-President, 1983 -1985

Board of Pharmacy Specialties, 2009 - 2012

- Oncology Specialty – Exam Question Development
- Pharmacotherapy Specialty – Exam Question Development
- Ambulatory Care Specialty Counsel, 2009 – 2012

American Medical Association (AMA), 2004 – Present

- CPT Editorial Panel Board Member, 2020 to Present
- CPT Editorial Panel – CPT Advisor, Pharmacists, 2015 – 2019
- RUC Emerging Issues Workgroup, 2015 – 2019
- Therapeutic Drug Monitoring Workgroup, 2013 – 2016
- Drug Infusion Workgroup, 2005 – 2009

- Current Procedural Terminology, Editorial Panel, CPT Advisor, 2004 - Present
- Healthcare Professional Advisory Committee, Pharmacy, 2004 - Present

American College of Clinical Pharmacology (ACCP), 1991 - Present

- Program Planning Committee, 1992 - 1994

American College of Clinical Pharmacy (ACCP), 1988 - Present

- Clinical Affairs Committee, 1991 -1992
- Reimbursement Task Force, 1993-1994
- Public & Professional Relations Committee, 1994 -1995

American Society of Consultant Pharmacists, 1988 – Present

American Society of Health-System Pharmacists (ASHP), 1985 – Present

- Specialty Practice Group (SPG)
- Vice-Chair, 1996 – 1997
- Public Policy and Government Relations Committee, 1995 – 1996
- Section for Clinical Specialist, 1995 - Present
- Vice-Chair, 1993 -1994
- Task Force on Unlabeled Uses of Medications, 1993 - 1994
- House of Delegates, 1993 – present
- Clinical Pharmacokinetics, 1990 -1995

International Society for Pharmacoeconomics and Outcomes Research, 2000 - 2003

American Society of Microbiology (ASM), 1992 – 1997

## STATE

American Cancer Society, Hillsborough County, 1991 -1993

- Board of Directors, 1991 - 1993

American College of Clinical Pharmacology, Tampa Chapter, 1989 – Present

- Tampa Chapter, Program Committee, 1991 - 1993

Association for Clinical Research Professionals – SunCoast Chapter, 1999 - 2000

- SunCoast Chapter, President-elect, 1999
- SunCoast Chapter, President, 2000

Florida Society of Health-System Pharmacists, 1989 – Present

- Experiential Education Innovation Forum, 2012
- House of Delegates, 2011 - Present
- Legal and Regulatory Affairs Council Chairman, 1992, 1993 member, 2002-2005
- President, 2000 - 2001
- President Elect, 1999
- Educational Affairs Council, Council Chairman, 1998
- House of Representative, 1993 - present
- Reimbursement Task Force, 1993 - 1995
- Board of Directors, 1993 -1995
- Communications Council/Board Liaison, 1993 – 1994
- Board of Directors, 1992 - Present
- Clinical Council/Chair, 1992 -1993
- Editor, FSHP/Digest, 1990 -1993
- Clinical Council/member, 1990 -1992

Florida Independent Pharmacy Association, 2009 – 2019

Southwest Florida Society of Hospital Pharmacists, 1989 – 2003

- President, 1992 - 1993
- President-Elect, 1991 - 1992
- Nominations Committee 1990 - 1991

Florida Pharmacy Association, 1991 – Present

- Chairman, Board of Directors, 2022 to 2023
- President, 2021- 2022
- President (Interim), 2020-2021
- President-Elect, 2020 to 2021
- Government Affairs Committee, 2012 – 2022
- Professional Affairs Council, 2000 – 2002; 2012-2014
- Public Affairs Committee, 1993
- Public Relations Committee, 1992 -1993

Hillsborough County Pharmacy Association, 1991 - 2010

- Board of Directors, 1992 -1993

Atlanta Academy of Institutional Pharmacist, 1987 -1990

University of South Florida, 1993 – Present

- Taneja College of Pharmacy Advisory Board, 2020 - Present
- USF Institutional Review Board, Human Research, 1994 – 1996
- USF Community Music Division, Board of Directors, 1994 -1996
- Health and Safety Committee, 1993 - 1996

Mercer University School of Pharmacy, 1984 - Present

- Board of Visitors 2019 - Present
- National Deans List, 1986 -1987
- Mercer Dean's List, 1986, 1987
- Class of 1987, Vice-President, 1985 -1987
- Class of 1987, Secretary, 1984 -1985
- Georgia Pharmaceutical Association: Board of Directors/Student Rep, 1984

Florida Pharmacy Foundation, 2012 - 2014

- Board of Trustee, 2012 - 2014

Florida Community Pharmacy Network and Political Action Committee, 2004

## COMMUNITY

The Florida Wind Band

- Board of Directors, President, 2022 – Present
- Board of Directors, 2021-2022

LifePath Hospice and Palliative Care, 1999 - 2003

- Executive Committee, 2003
- Bioethics Committee, Chairman, 2001 – 2003
- Board of Directors, Tampa, FL, 1999 – 2003

METRO BAND, Christian Music Ministry, 1994 – 2004

Idlewild Baptist Church, Orchestra, 1989 – Present

Great American Teach-In, 2001 – 2012

- Young Middle Magnet School
- Lewis Elementary School

Hillsborough Regional Science Fair Judge, 2003 and 2001  
SideFX: Medical Band (Charity Functions), 1993 – Present  
Judeo Christian Health Clinic Volunteer, 1991-1995  
Paint Your Heart Out Tampa, Hillsborough County Medical Association, 1989-1991  
Community Relations Board, Ex-Officio Member, City of Clearwater, 1979

#### **FRATERNITY - PROFESSIONAL**

Kappa Psi Pharmaceutical Society, 1984  
Phi Lambda Sigma - Leadership / Honor Society (Mercer University), 1985  
• Vice-President, 1986 -1987  
• National Convention Representative, 1986

#### **FRATERNITY – SOCIAL**

Sigma Alpha Epsilon Fraternity, 1981

#### **PROFESSIONAL APPOINTMENTS AND ENGAGEMENTS:**

10-04-09	<b>National Dean's Advisory Council</b> University of Florida, College of Pharmacy Gainesville, FL
01-13-09	<b>Medication Measures Special Study Technical Expert Panel</b> Quality Partners of Rhode Island
06-01-06	<b>Pharmacy Quality Alliance (PQA)</b> Center for Medicare and Medicaid Services (CMS) Baltimore, MD
12-12-05	<b>Technical Advisory Panel: Center for Medicare &amp; Medicaid (CMS), Medicare Prescription Drug, Improvement and Modernization Act of 2003</b> Baltimore, MD (BearingPoint)
04-03-05	<b>Board of Pharmaceutical Specialties (BPS) Focus Group</b> Pharmacy Certification Programs, Orlando FL
12-18-03	<b>Health Care Professionals Advisory Committee (HCPAC)</b> American Medical Association, Current Procedural Terminology (CPT) Editorial Panel, 2003 – Present
11-15-02	<b>Pharmacists Services Technical Advisory Coalition (PSTAC)</b> Representing the American Society of Health-Systems Pharmacists 2002 – Present
11-01-02	<b>Mercer Southern School of Pharmacy Campaign Committee</b> Associate Chair
10-02-02	<b>Dean's Advisory Board of Visitors</b> Mercer University, Southern School of Pharmacy, Atlanta, GA
09-23-00	<b>Dean's National Advisory Board</b> University of Florida, College of Pharmacy, Gainesville, FL

1999 – 2016	<b>LifePath Hospice &amp; Palliative Care, Board of Directors</b> Tampa, FL
07-16-99	<b>National Faculty: Managing Respiratory Tract Infections in the New Millennium</b> Thomas Beam, Jr. Memorial Institute, Bayer, Denver, CO

**EDITORIAL REVIEW BOARD:**

American Journal of Health-System Pharmacy Supplement, Guest Editor, 2007  
American Pharmacists Association, Reviewer, 2007  
Cancer Control - Journal of the Moffitt Cancer Center  
Florida Digest, Co-Editor, 1991, 1992, 1993  
Florida Journal of Hospital Pharmacy  
Clinical Pharmacy  
American Journal of Hospital Pharmacy  
Hospital Pharmacy

**HONORS / AWARDS / SCHOLARSHIPS:**

**Pharmacy Practice Leadership Award, 2023**  
University of South Florida, Health Sciences  
  
**Pharmacy Leadership Award, 2022**  
National Community Pharmacists Association & Florida Pharmacy Association  
  
**Preceptor Award, 2018**  
Palm Beach Atlantic University Gregory School of Pharmacy  
  
**Distinguished Service Award, 2016**  
Florida Society of Health-System Pharmacists  
  
**Florida Pharmacist of the Year - James H Beal Award, 2016**  
Florida Pharmacy Association  
  
**Outstanding Achievement in the Field of Pharmaceutical Relations in Florida**  
**R Q Richards Award, 2015**  
Pharmaceutical Public Relations  
  
**Outstanding Pharmacy Service Award, 2013**  
University of Florida, College of Pharmacy  
  
**Appreciation for Service, Mock Trial, 2011 - 2018**  
University of South Florida, College of Pharmacy  
  
**APhA Practice Excellence - Daniel B. Smith Award, 2010**  
American Pharmacists Association  
  
**Education Awareness Certificate, 2009**  
University of South Florida

**APhA Pinnacle Award, 2008**  
American Pharmacists Association Foundation

**Award of Excellence, 2008**  
American Society of Health-System Pharmacists

**The Inaugural Distinguished Alumni Award, 2009**  
Mercer University, College of Pharmacy & Health Sciences

**NetSmartz® Sponsorship Award, 2007**  
Hillsborough County

**Dr. G. Van Greene Distinguished Lecturer, 2005**  
Mercer University College of Pharmacy

**Distinguished Achievement Award in Clinical Pharmacotherapeutic Practice, 2005**  
Academy of Pharmacy Practice and Management  
American Pharmacists Association

**Burgess Gordon Memorial Award, 2004**  
American Medical Association

**Florida Pharmacist of the Year, 2002**  
Florida Society of Health-System Pharmacists

**Florida Pharmacist Fore Runner Award, 1994**  
Florida Society of Hospital Pharmacists

**President's Award, 1993**  
Florida Society of Hospital Pharmacists

**Distinguished Service Award, 1991 -1993**  
Florida Pharmacy Association

**Outstanding Service Award, 1993**  
Florida Society of Hospital Pharmacists

**Bristol Laboratories Award, 1987**  
Mercer University, School of Pharmacy

**Collegiate Student Government Award, 1987**  
Mercer University

**Outstanding Young Men of America Award, 1987**  
Mercer University

**United States Achievement Academy Award, 1987**  
Mercer University

**Georgia Pharmaceutical Association, 1986**  
Scholarship

**Churches Home Foundation, 1986**  
Scholarship

**Clearwater Community Service Award, 1980**  
City of Clearwater, FL

**PHILANTHROPY:**

Florida Woodwind Band (2022)  
Camp Twin Lakes – Spin for Kids (2022)  
Huddle Touch Inc – Team Sponsorship (2022)  
Florida Pharmacy Association (2022)  
University of South Florida Certificate of Appreciation Anti-Drinking and Driving Campaign (2020)  
International Health Service Collaborative (2017)  
APHA Foundation – 1953 Society (2015 – Present)  
Children's Hospital (2015 - 2016)  
Pediatric Cancer (2014)  
Ruth Eckerd Hall (2013 – 2018)  
AIM Convention Health Fair (2012)  
Autism Speaks (2010 - 2015)  
Make A Wish Foundation (2010 - 2012)  
Denver & the Mile-High Orchestra - Global Missions Project – Russia (2010)  
Temple Terrace Rotary Club – Opening ceremony Linwood Park (2010)  
Idlewild Baptist Church - Cuba Missions Trip (2009 – Present)  
Steve McCauley Memorial Scholarship Fund Golf Tournament (2009)  
Children's Dream Fund (2009)  
Temple Terrace Rotary Foundation (2008)  
University of South Florida Library Fund (2007 – 2014)  
Ohio State University Pharmacy Society (2007 - 2010)  
Internet Safety for Kids (NetSmartz® Launch), Hillsborough County, FL (2007)  
Cross International (2007)  
Global Missions (2006 - 2011)  
Stamford University (2006 - 2008)  
Breast Cancer Donation (2006)  
Cystic Fibrosis Foundation (2006)  
University of South Florida Foundation (2005 – Present)  
American College of Clinical Pharmacy (2005 - Present)  
American Pharmacists Association (2005 – Present)  
American Cancer Society (2005 - 2010)  
Mercer University (2002 - 2016)  
Muscular Dystrophy Association (2002 – 2012)  
American Society of Consultant Pharmacists Foundation (2001 – Present)  
Kayla's Hope for Kids Golf Tournament (2001 – 2014)  
Proceeds benefit The Children's Hospital of Philadelphia, Division of Neuro-Oncology  
Florida Family Association (2001 - 2006)

**MUSIC PERFORMANCES:**

06-22-05	<b>Southern Baptist Convention, Nashville, TN</b> Celebration Orchestra, Idlewild Baptist Church
03-22-04	<b>Cuba National Orchestra: Global Missions Project, Havana, Cuba</b> National Theatre Performance (03-25-2004) Concert in the Park, Plaza De Armas (03-26-2004)
2003 - Present	<b>Idlewild Baptist Church, Tampa, FL, Celebration Choir and Orchestra</b>
01-29-99	<b>Academy of Gospel Music Arts</b> Orlando Region, Metro Band
1993 - Present	<b>SideFX: Medical Band</b>

**POSTER PRESENTATIONS:**

**Evaluation of the Utility of Sinus Endoscopy versus Sinus Aspiration for Microbiologic Documentation of Acute Maxillary Sinusitis-Zagam Endoscopy Study Group**  
International Conference on Antimicrobial Agents and Chemotherapy 35th (ICAAC)  
San Francisco, CA, 09-15-1995

**Development of Reimbursement Mechanisms for Pharmacist Services**  
American Pharmacy Association 1995 Annual Meeting  
Orlando, FL, 03-19-1995

**Creation of a Software Program to Assess Patient Risk Factors for the Development of Candidemia**  
American Society of Hospital Pharmacists, Midyear Clinical Meeting  
Miami Beach, FL 12-06-1994

**Task Force on Reimbursement for Cognitive Services Report**  
ACCP Annual Meeting  
08-15-1993

**Clinical Pharmacokinetics: Software Review**  
American Society of Hospital Pharmacists, Clinical Midyear Meeting  
Dallas, TX 12-07-1988

**ACADEMIC COURSE LECTURES:**

**University of South Florida, College of Pharmacy**  
Tampa, FL

**Pharmacy Practice Orientation**

**Medical Informatics and Technology**  
Interoperability and Health Information Exchanges

**Pharmacy Management**  
Practice & Human Resource Management

**Pharmacists' Role in the US Healthcare System**

**The Future of Pharmacy**

**Healthcare Administration and Economics**

**Forensic Pharmacology: Toxicology & Drugs of Abuse**

**Professional Practice Leadership & Advocacy**

**USF AMCP Student Group Lecture**

**University of South Florida, College of Nursing**  
Tampa, FL

**Clinical Pharmacology for Advanced Nurse Practitioners  
(USF, NGR 6199)**  
Registered Nurse Practitioners - Graduate Program  
Course Director  
1998 – 2002

**University of South Florida, College of Public Health**  
Tampa, FL

**Pharmacoepidemiology (PHC 6934) – "Pharmacoconomics"**

**University of Florida College of Pharmacy**  
Gainesville, FL

**Clinical Pharmacokinetics (PHA 4123, PHA 5121)**  
Aminoglycosides & Vancomycin Pharmacokinetics: Clinical Applications  
BS & Doctor of Pharmacy Programs  
**Pharmacy Management (PHA 4210)**  
"Reimbursement for Pharmaceutical Care Services"  
BS & Doctor of Pharmacy Programs

**Clinical Pharmacy & Therapeutics**  
Non-Traditional Doctor of Pharmacy Program

**Topics:**

- Pharmacokinetics
- Gynecologic Malignancies
- Infectious Diseases (Sinusitis, Infectious Diarrhea)
- Allergic Rhinitis

**University of Connecticut - School of Pharmacy Department of Pharmacy Practice**  
Hartford, CT

**Creating, financially sustaining, and providing MTM Services**  
2012

**MTM and Pharmacists' Practice Models**  
2012

**Lake Erie College of Medicine**  
Erie, PA

**Toxicology Lecture**  
2015 - 2016

**Forensic Pharmacology**  
2014

**University of Washington**  
Seattle, WA  
2013

**Preceptor Development Conference**  
Ft Myers, FL

**Encouraging Critical Thinking Skills in Students and Residents**  
2013

**Nova Southeastern University**  
Ft Lauderdale, FL

**Strategic Positioning of MTM Services and Reimbursement in HealthCare Reform**  
2012

**Philadelphia College of Medicine**  
Atlanta, GA

**Advanced Clinical Pharmacy Practice**  
2011

**University of Pittsburgh, School of Pharmacy**  
Pittsburgh, PA

**Nicholas C. Tucci Lecture**  
2009

**West Virginia University, School of Pharmacy**  
Morgantown, WV

**Annual Bergy Lecture**  
2011

**University of Maryland**  
Baltimore, MD

**Future of Medication Therapy Management: Winning or Losing**  
2008

**Mercer University Southern School of Pharmacy Inaugural Distinguished Lecture**  
Atlanta, GA

**Medicare Modernization Act**  
Focus on Improving Care  
2005

**Bernard J. Dunn School of Pharmacy at Shenandoah University**  
Washington, DC

**Hooding Ceremony – Guest Speaker**  
2018

**University of South Florida**  
Tampa, FL

**Interoperability and Health Information Exchange**  
2018

#### **PUBLICATIONS:**

Arnold J, Beatty S, Buffington D, Burns A, Hanson L, Isetts B, Schwartz L, et al.  
Relative Value Units (RVUs): A Primer on Why They Are Important to Pharmacists  
Pharmacy Health Information Technology Collaborative  
April 2022, July 2022

Buffington D, Lozicki A  
Summary Chart of Expanded Pharmacy Services – Chapter 7  
Ultimate 2022 Florida MPJE Review – Mastering the MPJE Competencies  
January 2022

Garrison N, Spector S, Buffington D, Granito K, Zhang H, Talbot G  
Sparfloxacin for the treatment of acute bacterial maxillary sinusitis documented by sinus puncture  
Annals of Allergy, Asthma & Immunology  
January 2000

Buffington D, Lozicki A, Alfieri T, Bond C  
Understanding factors that contribute to the disposal of unused opioid medication  
Journal of Pain Research  
February 2019

Buffington D  
Understanding factors that contribute to the disposal of unused opioid medication  
Opiate Disposal/Pain Research (Purdue Pharma)  
Sep 2018

Brill J, Ashmore J, Brengman M, Buffington D et al  
White Paper AGA: An Episode-of-Care Framework for the Management of Obesity: Moving Towards High Value, High Quality Care  
Clinical Gastroenterology and Hepatology the Official Clinical Practice Journal, Feb 2017

Whalen K, Hardin H, Buffington D  
Medication Therapy Management: A Pharmacotherapy and Medication System Primer, McGraw-Hill, 2017

Green D, Rubenstein A, Buffington D, Flemming R, et al  
Leveraging FDA and CMS collaboration to enhance quality improvement in safe medication use  
Research in Social and Administrative Pharmacy, Jul 2016

Isetts B, Buffington D, Carter B, Smith M, Polgreen L, James P  
Evaluation of Pharmacists' Work in a Physician-Pharmacist Collaborative Model for the Management of Hypertension, Pharmacotherapy, Feb 2016

Buffington D, Wager D, McGann P  
All In: Using Healthcare Collaboratives to Save Lives and Improve (Care, Spurlock & Teske), Chapter 4: "Key Elements of Effective Collaborative Design – Fostering Leadership at All Levels"  
2015

Buffington D (Contributing Author)  
Medication Therapy Management: A Pharmacotherapy and Medication System Primer McGraw-Hill 2014

Buffington D  
New Codes for Transitional Care Management and Chronic Care Coordination Services  
2012

Isetts B, Buffington D  
Coding Principles for Medication Therapy Management Services: The ABCs of CPTs  
The Pharmacist's Guide to Compensation for MTM Services, Chapter 6, 2009

Buffington D  
Future of medication therapy management services in delivering patient-centered care  
American Journal of Health-System Pharmacy, Sep 2007

Brill J, Buffington D, Downs C, Siegel  
Perspectives one year after implementation of the Medicare Prescription Drug Improvement and Modernization Act: A Socratic Panel Discussion  
American Journal of Health-System Pharmacy, Sep 2007

Isetts, B, Buffington D  
CPT cod-change proposal: National data on pharmacists' medication therapy management services  
Journal of the American Pharmacists Association, Jul/Aug 2007, 491-495

Buffington D  
Pharmacist current Procedural Terminology codes and medication therapy management  
Medicare Modernization Act Q&A  
American Journal of Health-System Pharmacists, Vol 63 Jun 2006

Buffington D

Coding Communication: Medication Therapy Management Services

American Medical Association, CPT Assistant, Apr 2006 / Volume 16, Issue 4

Rauck RL, Wallace M, Leong M, Minehart M, Webster L, Charapata S, Abraham J,

Buffington D, Ellis D, Kartzinel R, et al

A Randomized, Double-Blind, Placebo-Controlled Study of Intrathecal Ziconotide in Adults with Severe Chronic Pain

Journal of Pain and Symptom Management, 2006; 31:393-406

Turner JL, Kosstman JR, Aquino A, Wright D, Szabo S, Bidwel RI, Goodgame J, Daigle A, Kelley E, Jensen F, Duggy C, Carlo D, and Moss RB

The effects of an HIV-1 immunogen (Remune) on viral load, CD4 cell counts and HIV-specific immunity in a double-blind, randomized, adjuvant-controlled subset study in HIV infected subjects regardless of concomitant antiviral drugs

HIV Medicine, Buffington D, Editorial Panel, Research Site, 2001 2, 68-77

Buffington D

Improving Our Communications Via the Internet

Florida Journal of Health-System Pharmacy, Volume 18, Number 3, Jan 2001

Buffington D, et al

Sparfloxacin for the treatment of acute bacterial maxillary sinusitis documented by sinus puncture

Annual Allergy Asthma Immunology, 2000; 84:63-71 Volume 84, Jan 2000

Poirier S, Buffington D, Memoli G

Billing Third Party Payers for Pharmaceutical Care Services

Annals of Allergy, Asthma and Immunology, Feb 1999

Buffington D, Garrison N, Spector S, Stafford C, Granito K, Zhang H, Talbot G

Sparfloxacin for the Treatment of Acute Bacterial Maxillary Sinusitis

Manuscript for Rhone-Poulenc Rorer, Nov 1997

Buffington D

Identifying Profitable Areas of Expansion: Obtaining Reimbursement

American Society of Health-System Pharmacists, Center on Pharmacy Practice Management, Oct 1997

Buffington D

Reimbursement for Pharmacy Services

Specialists Spectrum, ASHP, Vol.1, No.1, p.3, Fall 1994

Buffington D, Lampasona V, Chandler M.

Computers in Pharmacokinetics: Choosing Software for Clinical Decision Making

Clinical Pharmacokinetic, 25 (3):205-216, Oct 1993

Buffington D

Predict what major changes will result from health care reform. What impact will these changes have on you and how you conduct your business

Florida Journal of Hospital Pharmacists, Vol. 13, No. 4, p. 23, Aug 1993

Asbury WH, Darsey EH, Rose WB, Murphy JE, Buffington DE, Capers CC

Vancomycin Pharmacokinetics and Neonates in Infants: A Retrospective Evaluation

Annals of Pharmacotherapy, Apr 1993;27:490-6

Pritchard J, Buffington D  
Is varicella immune globulin (VZIG) an appropriate therapy for the treatment of chicken pox  
Florida Journal of Hospital Pharmacy, Vol. 13, No. 3, Jul 1993:29-30

Perkins J, Buffington D, Hoffman M  
Gynecologic Malignancies (Chapter 120)  
Pharmacotherapy (Second Edition)

Buffington D, Wallach P  
Is methemoglobinemia associated with dapsone therapy?  
Florida Journal of Hospital Pharmacy, Vol. 13, No. 1, Feb 1993:29

Morton T, Buffington D  
Post-graduate pharmacy training programs in Florida  
Florida Journal of Hospital Pharmacy, Vol. 13, No. 1, Feb 1993:29-31

Buffington D, Toney J  
Focus on temafloxacin: A new rapidly absorbed, extended-spectrum fluoroquinolone antibiotic  
Hospital Formula, Jan 1992:27:241-247

Buffington D  
Injectable Nonsteroidal Anti-inflammatory: Alternative to Narcotics  
Hospital News p. 16, Mar 1991

Buffington D  
How is alfa interferon being used in the treatment of cancer?  
Florida Society of Hospital Pharmacist Digest, Feb 1991

Buffington D  
New medication helps protect the bladder during chemotherapy  
Hospital News p. 19, Jan 1991

Buffington D  
The Fluoroquinolones and Theophylline: A Potential for Interaction  
Pharmacotherapy Forum Vol.1/No.1, Oct 1990

Buffington D  
Word Processors and desktop publishing put shine on drug utilization reviews  
Drug Utilization Reviews Vol.5/No.4, Apr 1989

Buffington D  
Ticar7 and Timentin7: Recent Formulary Changes  
EUH/Antibiotic Use Reviews, Oct 1987

Buffington D  
Methicillin-Resistant Staphylococcus Aureus (MRSA)  
DGH/Pharmacy News, May 1986

Gilmore R, Russell J, Buffington D  
Legislative Review of Georgia's Third-Party Prescription Programs  
Georgia Pharmaceutical Association, May 1986

Toler SM, Lopez AV, Buffington D  
Smoking and the fetus - What You Should Know  
Georgia Pharmaceutical Association Journal, (Computer Graphics)

**RESEARCH PROTOCOLS:**

**2015**

COV02520124: An Open-Label, Safety and Pharmacokinetic Study of Hydromorphone Hydrochloride Extended-Release Tablets (Once-Daily Hydromorphone) in Opioid-Tolerant Pediatric Subjects with Chronic Pain

**2012**

D3820C0005: A Randomized, Double-blind, Placebo-Controlled Study to Assess the Efficacy and Safety of NKTR-118 in Patients with Non-Cancer-Related Pain and Opioid-Induced Constipation (OIC)

**2011**

D3820C0004: A Randomized, Double-blind, Placebo-Controlled Study to Assess the Efficacy and Safety of NKTR-118 in Patients with Non-Cancer-Related Pain and Opioid-Induced Constipation (OIC)

GWCA0999: A multicenter, non-comparative, follow-on study to assess the long term safety of Sativex oromucosal spray (Sativex®; Nabiximols) therapy in patients with cancer related pain.

GWCA0958: A double blind, randomized, placebo-controlled, parallel group study of Sativex oromucosal spray (Sativex®; Nabiximols) in relieving pain in patients with advanced cancer, who experience inadequate analgesia during optimized chronic opioid therapy

**2010**

CQAB149B2223: A multi-center, randomized, double-blind, placebo controlled, parallel group, repeated-dose study to evaluate the efficacy, safety, tolerability and pharmacokinetics of three different dosing regimens of inhaled indacaterol maleate in patients with persistent asthma

**2009**

The SWIFT Study: A Prospective, Randomized, Open-Label Phase IV Study to Evaluate the Rationale of Switching from Fixed-Dose Abacavir (ABC) / Lamivudine (3TC) to Fixed-Dose Tenofovir DF (TDF) / Emtricitabine (FTC) in Virologically-Suppressed, HIV-1 Infected Patients Maintained on a Ritonavir-Boosted Protease Inhibitor-Containing Antiretroviral Regimen GS-US-164-0216

Blood Pressure and Metabolic Effects of Nebivolol Compared with Hydrochlorothiazide and Placebo in Hypertensive Patients with Impaired Glucose Tolerance or Impaired Fasting Glucose Protocol ID: NEB-MD-04

A double blind, randomized, placebo controlled, parallel group dose-range exploration study of Sativex® in relieving pain in patients with advanced cancer, who experience inadequate analgesia during optimized chronic opioid therapy  
GWCA0701

**2005**

An Open-Label, 12-Month Study to Evaluate the Safety, Tolerability, and Efficacy of ORAVESCENT® Fentanyl Citrate for the Management of Breakthrough Pain in Opioid-Tolerant Patients with Chronic Non-cancer Pain C25608/3040/BP/US (Cephalon)

A Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Efficacy and Safety of ORAVESCENT® Fentanyl Citrate for the Management of Breakthrough Pain in Opioid-Tolerant Patients With Chronic Neuropathic Pain C25608/3041/BP/US (Cephalon)

A Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Efficacy and Safety of ORAVESCENT® Fentanyl Citrate for the Management of Breakthrough Pain in Opioid-Tolerant Patients With Chronic Low Back Pain C25608/3042/BP/US (Cephalon)

Survey to Assess the Prevalence, Characteristics, and Impact of Breakthrough Pain in Chronic Pain Patients with and without Cancer Managed by Clinicians Who are not Pain Specialists SMI05002

#### 2004

THE SAFETY, TOLERABILITY, AND IMMUNOGENICITY OF ACAM2000 SMALLPOX VACCINE IN ADULTS WITH PREVIOUS SMALLPOX VACCINATION. A Randomized, Double-Blind, Fixed Dose, Phase 3 Comparison between ACAM2000 and Dryvax® Smallpox VaccinesH-400-012 (Acambis)

A Multicenter, Phase 3 Study to Confirm the Safety and Efficacy of Intravenous Doripenem in Complicated Lower Urinary Tract Infection or PyelonephritisDORI-06 (Peninsula Pharmaceuticals)

THE SAFETY, TOLERABILITY, AND IMMUNOGENICITY OF ACAM2000 SMALLPOX VACCINE IN ADULTS WITHOUT PREVIOUS SMALLPOX VACCINATION. A Randomized, Double-Blind, Fixed Dose, Phase 3 Comparison between ACAM2000 and Dryvax® Smallpox VaccinesH-400-009 (Acambis)

An Open-Label, Long Term, Multi-Center, Intrathecal Ziconotide (PRIALT™) Effectiveness And Safety Trial (ZEST) In Patients With Chronic Severe Pain ELN92045-501

A Multi-Center, Open-Label, Long-Term Study of OraVescent® Fentanyl Citrate for the Treatment of Breakthrough Pain in Opioid-Tolerant Cancer Patients099-15 (CIMA)

A Multi-Center, Double-Blind, Placebo-Controlled Study of OraVescent® Fentanyl Citrate for the Treatment of Breakthrough Pain in Opioid-Tolerant Cancer Patients099-14 (CIMA)

#### 2003

A multicenter, international, randomized, open-label, assessor-blind, non-inferiority study comparing the efficacy and safety of once-weekly subcutaneous SanOrg 34006 with the combination of (LMW)Heparin and vitamin K antagonist (VKA) in the treatment of acute symptomatic pulmonary embolism P64714 / EFC 3484 (Organon/Sanofi)

An Open-label, Multicenter Study of the Safety and Efficacy of Combined Intrathecal Infumorph and Ziconotide (Prialt): Addition of Infumorph in Patients Receiving Prialt for Severe Chronic PainELN92045-201(Elan Pharmaceuticals)

A Double-Blind, Double-Dummy, Randomized, Placebo- and Active-Controlled, Multicenter, Parallel-Group Study of (R,R)-Formoterol in the Treatment of Subjects with Chronic Obstructive Pulmonary Disease091-051 (Sepracor)

#### 2002

A Phase III, Vehicle-Controlled Study of Topical Resiquimod (R-848) 0.01% Gel Applied 2 Times per Week for 1 Week for Each Recurrence of Anogenital Herpes over 52 Weeks Study 1452-RESI (3M Pharmaceuticals)

A Retrospective, Case-Control Study to Investigate Genetic Polymorphisms in HIV Infected Subjects Who Developed Hypersensitivity Following Treatment with Abacavir CNA30032 (GlaxoSmithKline)

Vehicle-Controlled, Double-Blind Study to Assess the Safety and Efficacy of Imiquimod 5% Cream Applied Once Daily 3 Days per Week for the Treatment of Actinic Keratoses on the Head1447-IMIQ (3M Pharmaceuticals)

An Open-label, Long-term, Multicenter Study of Ziconotide Administered IntrathecallyELN92045-352 (Elan Pharmaceuticals)

A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF INTRATHECAL ZICONOTIDE IN ADULTS WITH SEVERE CHRONIC PAIN ELN92045-301 (Elan Pharmaceuticals)

AN OPEN-LABEL, LONG-TERM, MULTICENTER STUDY OF ZICONOTIDE ADMINISTERED INTRATHECALLY ELN92045-351, IND # 45,718 (Elan Pharmaceuticals)

A Case Control Investigation Exploring the Relationship Between Gene Variants (HAP™ Markers) and Agranulocytosis or Granulocytopenia In Adult Patients Treated With Clozapine

A 6-month open label, multi-national, effectiveness, and safety study of Elidel® (pimecrolimus) Cream, 1% in subjects with atopic dermatitis Novartis CASM981 C2405

## 2001

APV30001: A Phase III, randomised, multicenter, parallel, open-label study to compare the efficacy, safety and tolerability of GW433908 (1395mg bid) and Nelfinavir (1250mg bid) over 48 weeks in antiretroviral therapy naïve HIV-1 Infected Adults (Glaxo Welcome)

APV30005: An open-label phase III study to assess the long-term safety profile of GW43398 containing regimens in HIV-1 infected subjects (Glaxo Welcome)

A Phase II, Randomized, Double-Blind, Vehicle-Controlled, Dose Frequency Response Study of Topical Resiquimod (R-848) Gel Applied to Anogenital Herpes Lesions Once, Twice or Three Times Per Week for One Recurrence to Prevent Future Recurrences 1411-RESI (3M Pharmaceuticals)

Vehicle-Controlled, Double-Blind Study to Assess the Safety and Efficacy of Imiquimod 5% Cream Applied Once Daily 3 Days per Week for the Treatment of Actinic Keratoses on the Head (3M Pharmaceuticals)

A prospective, randomized, double blind, multicenter trial assessing the safety and efficacy of sequential (intravenous/oral) BAY 12-8039 (moxifloxacin) 400 mg every 24 hr compared to intravenous piperacillin/tazobactam 3.0/0.375 g every 6 hr followed by oral amoxicillin/clavulanic acid suspension 800 mg every 12 hr for the treatment of patients with complicated skin and skin structure infections (Bayer)

Protocol #: CPS 2000-01A An Open Label, Phase 1 Study of the Safety and Tolerability of Coccoloba uvifera in Healthy Volunteers

Omapatrilat Cardiovascular Treatment Assessment versus Enalapril (OCTAVE) Protocol Number: CV137-120

Protocol Number: CPS.USF.001 An Open Labeled, Single Blind, Patient-Controlled Study of the Safety and Efficacy of Clobetasol Propionate Foam, 0.05% in the Treatment of Alopecia Areata

CNA30021: A phase III, 48-week, randomized, double-blind, multicentre study to evaluate the safety and efficacy of abacavir (ABC) 600mg once-daily (QD) vs abacavir 300mg BID in combination with lamivudine (3TC) (300mg QD) and efavirenz (EFV) (600mg QD) in antiretroviral therapy naïve HIV-1 infected subjects (GlaxoSmithKline)

A Phase III, randomized, multicenter, parallel, open-label study to compare the efficacy, safety, and tolerability of GW433908 1395 mg bid and Nelfinavir 1250 mg bid over 48 weeks in antiretroviral therapy naive HIV-1 Infected Adults (Glaxo)

A Multicenter Dose Randomized Evaluation of Targretin® Capsules + PUVA In Patients With Stage IB – IIA Cutaneous T-Cell Lymphoma IND No. 61,896 (Ligand)

A Multicenter, Randomized, Open-Label Study Comparing the Efficacy And Safety Of Once Daily (OD) ORG 31540/SR90107A Versus Adjusted-Dose Intravenous (IV) Unfractionated Heparin (UFH) In The Initial Treatment Of Acute Symptomatic Pulmonary Embolism (PE) (Organon)

Protocol Number: 25000/592. An Open, Non-Comparative Multicenter Study to Assess the Efficacy and Safety of Oral Augmentin® SR 2000/125 mg Twice Daily for 10 Days in the Treatment of Acute Bacterial Sinusitis in Adults (Smith-Kline Beecham)

VER001-5: Phase II Pilot, Randomized, Open-Label, Multi-center Study to Evaluate the Safety and Efficacy of Dalbavancin (V-Glycopeptide) Versus Investigator/Physician Designated Comparator in Skin and Soft Tissue Infection IND # 60,613 (Vericor)

## 2000

A Phase III, Multicenter, Randomized, Parallel Group, Evaluator Blinded, Comparative Study to Evaluate the Effectiveness and Safety of "Topical Otic CILODEX™ (ciprofloxacin 0.3%, dexamethasone 0.1%) Suspension Compared to CILOXAN® (ciprofloxacin 0.3%) Solution and CORTISPORIN® Suspension (neomycin 0.35%, polymyxin 10,000 IU/mL, hydrocortisone 1.0%) for Treatment of Patients with Moderate to Severe Acute Otitis External

## 1999

Protocol Title: Safety and Efficacy of Intravenous HMR4396 and EpoGen® for the Management of Anemia in Subjects with Chronic Renal Failure Requiring Hemodialysis HMR4396A/3001

An Open-Label, Long-Term Safety and Tolerability Study of Ziconotide® Administered Intrathecally to Patients with Chronic, Severe Pain (Elan Pharmaceutical s)

## 1998

A One-Year Randomized, Double Blind, Placebo Controlled Study of Alosetron (GR68755) 1mg BID in Female Subjects with Irritable Bowel Syndrome S3B30006

A Open, Non-Comparative Multicentre Study to Assess the Efficacy and Safety of Oral Augmentin SR 2000/125 mg, Twice Daily for 10 Days in the Treatment of Acute Bacterial Sinusitis in Adults, Protocol BRL-02500/551 (Smith-Kline Beecham)

## 1997

A Multicenter, Double-Blind, Phase III, Adjuvant-Controlled Study of the Effect of 10 units of HIV-1 Immunogen Compared to IFA Alone Every 12 Weeks on AIDS-Free Survival in Subjects with HIV Infection and CD4 T Lymphocytes Between 300-549 cells mcg Regardless of Concomitant HIV Therapies Protocol IRC-806 (Immune Response Corporation)

A Randomized, Double Blind, Placebo Controlled, Efficacy and Safety Study of Oral Lobucavir In Patients With Recurrent Herpes Labialis, AI459-012 (Bristol-Myers Squibb)

A Randomized, Double Blind, Placebo Controlled, Efficacy and Safety Study of Oral Lobucavir In Patients With Recurrent Genital Herpes, AI459-011 (Bristol-Myers Squibb)

Phase II Multi-Center, Randomized, Placebo-Controlled, Two-Step Dose-Escalation Safety, Tolerability, and Hypothesis Generating Trial of Recombinant Tissue Factor Pathway Inhibitor (rTFPI), SC-59735 in Sepsis Patients, Protocol CS-TF004 (Chiron)

#### 1996

A Randomized, Double-Blind, Multicenter Trial Assessing the Safety and Efficacy of a Single Intravenous Dose of CP-116,517 (alatrofloxin) Compared with Cefotetan for the Prophylaxis of Infection Following Colorectal Surgery #154-128 (Pfizer Central Research)

#### 1995

Pfizer 154-128 Colo-Rectal Prophylaxis (Pfizer)

Pfizer 154-124 Intraabdominal Infections (Pfizer)

Matrix 66-94-2 5 FU/epi Basal Cell Carcinoma (Matrix)

RPR 106972 Streptogramin Sinusitis (Rhone-Poulenc Rorer)

Oral Cefpodoxime Proxetil (Vantin®) Tablets in the Treatment of Acute Maxillary Sinusitis in Adults #M/116/40/0108. (Upjohn Company)

A Double Blind, Comparative Study of the Efficacy and Safety of Orally Administered OPC-17116 and Clarithromycin in the Treatment of Patients with Community Acquired Pneumonia #106-94-206 (Otsuka America Pharmaceuticals, Inc.)

A Prospective, Randomized, Double-Blind, Parallel, Control, Multicenter Trial Comparing The Efficacy and Safety of 1% terbinafine (Lamisil®) Cream Applied Once Daily to Placebo In The Treatment of Cutaneous Candidiasis SFC-352 (Sandoz Pharmaceuticals)

#### 1994

Multicenter, Randomized, Partially Blind, Parallel Group, Clinical Trial to Compare the Efficacy and Safety of Twice and Once Daily Subcutaneously Administered Enoxaparin and Continuous Infusion Heparin in the Treatment of Patients with Deep Vein Thrombosis and Pulmonary Embolism RP-54536-529 (Rhone-Poulenc Roher)

Multicenter, Double Blind, Comparative Study of Intravenous meropenem (Merrem®) and imipenem (Primaxin®) for the Treatment of Nosocomial Lower Respiratory Tract Infections 359IL/0059 (Zeneca Pharmaceuticals)

Open, Non-comparative, Multicenter Study of RP64206 Sparfloxacin in the Treatment of Acute Bacterial Maxillary Sinusitis RP64206-359 (Rhone-Poulenc Roher)

A Double-Blind, Parallel Group, Randomized Trial to Compare the Efficacy and Safety of Enoxaparin 40mg SC QD and Unfractionated Heparin 5000 IU SC TID During 6-12 Days for Prevention of Deep Vein Thrombosis (DVT) in 800 Evaluable Patients After Planned Elective Curative Cancer Surgery RP-54563-567 (Rhone-Poulenc Roher)

A Double-Blind Multinational Trial Comparing Sorivudine (BV-araU) (SQ 32,756) vs. Acyclovir for the Treatment of Acute Localized Herpes Zoster and the Effect on Zoster-associated Pain In Immunocompetent Subjects. BMS-AI458-072-008 (Bristol Myers Squibb)

Assessment and Analysis of Risk Factors for the Development of Candidemia in Hospitalized Patients, (Pfizer)

**1993**

Pharmacoeconomic Analysis of Systemic Antifungal Prescribing Patterns. (Pfizer/Roerig)

A Multicenter, Double-Blind Comparative Study of Intravenous Merrem (Meropenem) and Primaxin (imipenem-cilastatin) for the Treatment of Intra-Abdominal Infections. (Zeneca)

A Multicenter, Double-Blind Comparative Study of Intravenous Merrem (Meropenem) and Primaxin (Imipenem-Cilastatin) for the Treatment of Nosocomial Lower Respiratory Tract Infections (Zeneca)

Double Blind, Placebo-Controlled Study of the Efficacy and Safety of three doses of CP-127 and Placebo in Patients with Presumed Sepsis and the Systemic Inflammatory Response Syndrome (SIRS) CP-0127-92-002 (Cortech, Inc)

Double Blind, Randomized, Comparative Study of RP-64206 (Sparfloxacin) vs. Cefaclor in the Treatment of Community-Acquired Pneumonia (Rhone-Poulenc Rorer)

A Randomized, Double Blind, Placebo-Controlled, Multicenter Study of Oral GR122311X Compared with Ranitidine and GR88502X for the Prophylaxis of Nonsteroidal Anti-Inflammatory Drug Associated Gastric or Duodenal Ulcers in Patients with Osteo- or Rheumatoid Arthritis and without a History of Gastric or Duodenal Ulcers (Glaxo)

Prospective, Randomized, Third Party-Blind, Study to Compare the Safety and Efficacy of Ciprofloxacin (Sequential IV/PO) with Intravenous Ceftazidime and Tobramycin in the Treatment of Pediatric Cystic Fibrosis Patients with Acute Pulmonary Exacerbation D91-024, BAY o9867m BAY q3939 (Miles, Inc)

A Multicenter, Open-Label Treatment Protocol to Provide Aerosolized rhDNase Therapy to Patients with Cystic Fibrosis. rhDNase Protocol Z0507g-A2 (Genetech)

A Multicenter Epidemiologic Protocol to Evaluate Pulmonary Function and the Rate of Respiratory Tract Infections in Patients with Cystic Fibrosis rhDNase Z0525n (Genetech)

Lorabid, 200 mg vs. 400 mg BID in Sinusitis with Bacteriology. Lorabid Protocol B9U-MC-AZBX(b) IND No. 29957, NDA No. 50-668 (Eli Lilly)

Uncomparative Study of Sparfloxacin in Acute Sinusitis (Rhone-Poulenc Rorer)

**1992**

Comparison of the Safety and Efficacy of Cefodizime versus Ceftriaxone in the Treatment of Complicated Urinary Tract Infections. Cefodizime CSZ-300 (Fujisawa Pharmaceutical Corporation)

A Multicenter, Double-blind, Randomized, Comparative Study of the Efficacy and Safety of Temafloxacin Intravenous/Oral Sequential Therapy Versus Cefuroxime with or without Erythromycin Intravenous/Oral Sequential Therapy in the Treatment of Hospitalized Patients with Community Acquired Pneumonia. Temafloxacin #M91-651. (Abbott Laboratories)

A Phase III, Multicenter, Double-Blind, Placebo-Controlled, Parallel Study to Evaluate the Safety and Efficacy of Aerosolized Recombinant Human DNASE I (rhDNase) in Patients with Cystic Fibrosis (Genentech, Inc.)

Centocor: HA-1A™ Efficacy in Septic Shock Trial CHESS #C0041T20 (Centocor, Inc.)

A Randomized, Double-Blind Repeat-Dose Crossover Study to Determine the Safety and Efficacy of sustained Versus Immediate Release Codeine Sulfate on Chronic Cancer Pain. Codeine #CSR-0192 (Roxane Laboratories)

A Randomized, Double-Blind Comparative Study of the Safety and Efficacy of Sustained Versus Immediate Release Codeine Sulfate in the Treatment of Chronic Cancer Pain. Codeine #CSR-0292 (Roxane Laboratories.)

A Multicenter Randomized, Double Blind, Placebo-Controlled Evaluation of Healing and Relapse Rates Following Oral GR122311X Compared with GR88502X, Ranitidine and Placebo in Patients with Duodenal Ulcer. Ranitidine #H2B-302 (Glaxo, Inc.)

A Multicenter Randomized, Double-Blind, Placebo-Controlled Evaluation of Healing and Relapse Rates Following Oral GR122311X Compared with GR88502X, Ranitidine and Placebo in Patients with Benign Gastric Ulcer. Ranitidine #H2B-312 (Glaxo, Inc.)

A Multicenter, Open-Label Treatment Protocol to Provide Aerosolized rhDNase Therapy to Patients with Cystic Fibrosis (Genentech, Inc.)

Prospective, Double Blind, Controlled, Randomized, Multi-Center Comparison of the Safety and Efficacy of Intravenous Ciprofloxacin Versus Intravenous Imipenem for the Treatment of Patients with the Sepsis Syndrome (Miles, Inc.)

RENOVA for the Treatment of Photo damaged Skin (Ortho Pharmaceuticals)

A Multicenter, Controlled Evaluation of the Safety and Efficacy of Repeated Oral Doses of Vicoprofen (hydrocodone bitartrate with ibuprofen) for the Treatment of Chronic Pain. Vicoprofen VP-04 IND No. 29498 (Knoll Pharmaceuticals)

### 1991

A Prospective Comparison of Ondansetron (IV) and Dexamethasone (PO) Versus Prochlorperazine (PO) and Dexamethasone (PO) for the Prevention of Post Chemotherapy Related Nausea and Vomiting

A Comparative Study of the Safety and Efficacy of BIOLID versus EES in the Treatment of Group a Beta-Hemolytic Streptococcal Pharyngitis. BIOLID BE-C200 (Belmac Corporation)

### 1989

A Randomized, Prospective, Comparative Study of the Efficacy of Cefoperazone/Sulbactam Versus Ceftazidime Plus Vancomycin Versus Ticarcillin Plus Gentamicin in Febrile Neutropenic Patients. Cefoperazone/Sulbactam 88-S-137. (Pfizer)

### 1988

An Open, Prospective Study to Evaluate the Incidence of Prothrombin Time Elevation and Clinical Bleeding in Patients Receiving One of Ten Selected Antibiotics. PT Elevation 88-R-041. (Pfizer Pharmaceuticals)

Imipenem-Cilastatin Efficacy, Tolerability and Economic Comparisons to Combination Antibiotic Therapy. Imipenem-Cilastatin.

A Comparison of Ampicillin/Sulbactam Versus Cefoxitin in the Prevention of Infections Complicating Radical Abdominal Hysterectomy. Ampicillin/Sulbactam 87-S-421. (Pfizer Pharmaceuticals)

Evaluation of Antibiotic Prophylaxis in Open Heart Surgery.

A Study of the Cost of Administration of Vancomycin and a Comparison with Alternative Antibiotic Therapy. Vancomycin. (Merrell Dow Pharmaceutical, Inc.)

1987

Evaluation of Gentamicin Levels Obtained from Hickman Catheters in a Hematology Population. Hickman Catheters HIC-118-87

**PRESENTATIONS:**

09-15-23 **White Coat Ceremony - Keynote Speaker**  
University of South Florida Taneja College of Pharmacy  
Tampa, FL

07-05-23 **The Future of Pharmacy: Challenges and Opportunities**  
Florida Pharmacy Association Annual Meeting  
Marco Island, FL

05-11-22 **Medication Therapy Management and Collaborative Practice**  
Nova Southeastern  
Tampa, FL

03-05-22 **Provider Status Update**  
Florida A&M University 45<sup>th</sup> Annual Leonard LeBaron Inge  
Clinical Pharmacy Symposium  
Tampa, FL

10-20-21 **Keynote: Innovation in Pharmacy Practice**  
2021 Annual Feurt Symposium  
University of Tennessee, College of Pharmacy  
Memphis, TN

10-15-21 **Point-of-Care Testing Certification Course**  
Florida Pharmacy Association  
Orlando, FL

06-24-21 **Navigating Reporting and Coding Solutions for Pharmacist  
Integration in New Care Delivery Systems**  
American Academy of Professional Coders (AAPC)  
Virtual Conference

04-18-21 **Clinical Practice Update: Florida Pharmacy Practice and  
Physician Collaboration**  
Florida Pharmacy Association Regulatory and Law Conference  
Tampa, FL

12-5-6-20 **Advanced Pharmacy Practice Models: Practice Update**  
Florida Pharmacy Association Regulatory and Law Conference  
Sarasota, FL

08-08-20 **Billing Mechanisms for Pharmacists' Clinical Services: Emerging  
Opportunities**  
Florida Society of Health-System Pharmacist  
Virtual Conference

05-01-20 **Taneja College of Pharmacy Class of 2020 Medallion and  
Awards Ceremony**  
Virtual Conference

04-17-20 **Keynote: Future Vision and Opportunities in Pharmacy Practice**  
University of Pittsburgh P2 Keynote Presentation  
Video Conference

03-27-20 **Interoperability and Health Information Exchange**  
TCOP Medical Informatics and Technology (MIT) Course  
University of South Florida  
Tampa, FL

11-07-19 **Overview of Medication Therapy Management: Yesterday, Today and Tomorrow's Opportunities**  
2019 American Society of Consultant Pharmacists Annual Meeting and Exhibition  
Grapevine, TX

10-23-19 **Pharmacology & Toxicology: Family Court Updates**  
Hillsborough County Bar Association – Marital & Family Law  
Chester Ferguson Law Center  
Tampa, FL

10-13-19 **Frontotemporal Degeneration: Treatment Update**  
FTD Patient Support Group Meeting  
Tampa, FL

08-30-19 **Keynote: White Coat Ceremony**  
Marshall University  
Charleston, WV

08-12-19 **Importance and Benefits of Joining and Being Active in Professional Associations**  
University of South Florida – iTEHC PDU  
Tampa, FL

07-20-19 **PBMs – The Functional Role and the Dilemmas**  
Louisiana Pharmacists Association Annual Convention and Trade Show at L'Auberge Casino Resort  
Lake Charles, LA

06-09-19 **Successful Clinical Pharmacy Service and Medication Therapy Management Practice Models**  
University of South Florida, College of Pharmacy Continuing Education Conference  
Tampa, FL

06-08-19 **Innovation and Leadership: Evolving Pharmacy Practice**  
Kappa Psi Leadership Conference  
University of South Florida, College of Pharmacy  
Tampa, FL

06-07-19 **Law: Advanced Pharmacy Practice Models: Transitions of Care Management**  
Sixth Annual Schwarting Senior Symposium  
Springfield, MA

05-01-19 **Keynote Speaker: Commencement Address**  
University of South Florida, College of Pharmacy  
2019 Graduation Ceremony  
Tampa, FL

03-05-19 **Pharmacist-Guided Exemplary Opioid Management Practices**  
Center for Medicare and Medicaid Services  
Teleconference – CMS & AMA  
Tampa, FL

11-28-18 **Health Information and Quality Outcome Initiatives in CMS Development and Use of Clinical Documentation and Billing Codes for Pharmacists' Patient Care Services**  
Pharmacy Health Information Technology Collaborative (PHIT)  
Washington, DC

09-12-18 **Prescription Drug Monitoring Programs**  
The Opioid Safety Project American Medical Association  
PDMP  
Opioid Webinar Lecture Series

08-04-18 **Strategies for Development and Expansion of Pharmacy Extenders: Thinking Outside the Box**  
Florida Society of Health-System Pharmacists Association 52<sup>nd</sup> Annual Meeting – Leadership Track  
Orlando, FL

05-09-18 **Advanced Practice Models: Transitions of Care**  
American Society of Consultant Pharmacist  
Tampa, FL

07-28-17 **DUI: Extrapolation, Medical v. Legal Draws, etc.**  
Florida Public Defender Association, Summer Training Program  
Bonita Springs, FL

07-13-17 **Innovations in Pharmacy Practice**  
Florida Pharmacy Association  
127th Annual Meeting and Convention  
Orlando, FL

07-01-17 **Medication Therapy Management in 340B Clinics**  
Health Choice Network's 23<sup>rd</sup> Annual Educational Conference  
Boca Raton, FL

04-24-17 **Advanced Clinical Pharmacy Practice Update**  
Pharmacy Deans' Forum  
National Association of Chain Drug Stores Annual Meeting  
Scottsdale, AZ

04-19-17 **Emerging Payment Models for Physicians: What Does It Mean for AMCP Members and Medication Management?**  
Academy of Managed Care Pharmacy  
Webinar Presentation

03-25-17 **Creating a Successful Specialty Pharmacy**  
American Pharmacists Association Annual Meeting  
San Francisco, CA

03-16-17 **Medication Therapy Management (MTM), Clinical Research, and Forensic Pharmacy**  
University of South Florida Pharmacy Skills Lecture  
(Clinical & Forensics)  
Tampa, FL

03-14-17 **Pharmacy Practice Opportunities and Legislative Update**  
2017 Florida Pharmacists Legislative Days and Health Fair  
Pharmacy Advocacy Efforts  
Tallahassee, FL

02-18-17 **Kappa Psi Ideals: How They Can Shape Your Future and Ensure Your Success**  
Keynote Speaker  
Kappa Psi Spring Assembly  
Tampa, FL

02-01-17 **Pharmacists' Reimbursement: Coding & Practice Model Update**  
Pharmacy HIT Collaborative Council Face to Face Meeting  
American Pharmacist's Association  
Washington, DC

01-26-17 **Current Issues/Advocacy – Pharmacy Reimbursement**  
Shenandoah University  
Winchester, VA

10-25-16 **Keynote Speaker**  
FSPHP Mentor Dinner  
University of South Florida  
Tampa, FL

10-13-16 **Provider Status Update**  
Hillsborough County Pharmacist Association  
Tampa, FL

10-03-16 **Making Your Goals a Reality**  
Mentoring Hour and Leadership Presentation  
University of South Florida  
Tampa, FL

08-12-16 **Keynote Speaker**  
Larkin Health Sciences Institute, College of Pharmacy  
White Coat Ceremony  
Miami, FL

06-30-16 **Pharmacy Practice Update: CMS Update and Reimbursement**  
Florida Pharmacy Association  
Ft. Lauderdale, FL

06-24-16 **Establishing and Paying for New Models of Pharmacy Care**  
Medical College of Wisconsin, College of Pharmacy  
Milwaukee, WI

02-01-16 **USF AMCP Student Group Lecture**  
Tampa, FL

02-20-16 **Pharmacist's Reimbursement: Current and Future Trends**  
American Association of Colleges of Pharmacy  
Tampa, FL

02-11-16 **National Progress Toward a Health System that Supports Pharmacist Clinical Services**  
The 3rd USC Conference on Optimizing Medication Safety and Healthcare Quality: Best Practices and Collaborations for Public Health, Geriatrics, and Mental Health  
University of Southern California  
Los Angeles, CA

08-12-15 **U.S. Healthcare Reform and Its Impact on Pharmacy Practice**  
University of South Florida, College of Pharmacy  
Tampa, FL

08-09-15 **Ask the Experts Panel: Provider Status**  
Florida Society of Health-System Pharmacists Association  
Orlando, FL

08-09-15 **MTM Services with a Focus on Provider**  
Florida Society of Health-System Pharmacists Association  
Orlando, FL

06-26-15 **Profession & Career Planning: Expanding Your Horizons**  
Florida Pharmacy Association 2015 Annual Meeting  
St. Augustine, FL

04-18-15 **Medicare & Health Care Reform: Opportunities for Pharmacists**  
Florida Pharmacy Association Law and Regulatory Conference  
Tampa, FL

03-16-15 **Recognizing Pharmacists as Providers: Expanding Scope of Practice**  
South Carolina Society of Health-System Pharmacists Annual Meeting  
Hilton Head Island, SC

02-21-15 **Pharmacists Influencing Positive Health Outcomes**  
Virginia Pharmacist's Association Midyear Meeting  
34th Annual Rooke Award Lecture  
Roanoke, VA

01-10-15 **Defining Your Path as Leaders... Oh the Places You'll Go!**  
Florida Pharmacy Association Leadership Conference  
Orlando, FL

12-06-14 **What Is Pharmacist Provider Status and Why Is It Necessary**  
Florida Pharmacy Association Law and Regulatory Conference  
Sarasota, FL

11-06-14 **Protecting Your Patient and Yourself: Universal Precautions, the Pharmacist, and Ebola**  
American Society of Consultant Pharmacists (SCP) 2015 Annual Meeting  
Orlando, FL

08-25-14 **Future of Pharmacy Curricula: Blending Clinical & Entrepreneurial Skills**  
University of Virginia College of Pharmacy, Visiting Faculty  
Virginia Commonwealth University School of Pharmacy  
Richmond, VA

07-10-14                   **Innovative Health Care Solutions: The Impact of Integrating Pharmacist's Services**  
                                 124<sup>th</sup> Annual Florida Pharmacy Association Meeting  
                                 Ft. Lauderdale, FL

12-07-13                   **Update on the Provider Status and MTM Reimbursement**  
                                 Florida Pharmacy Association  
                                 Regulatory and Law Conference  
                                 Sarasota, FL

09-08-13                   **Update on the Provider Status and MTM Reimbursement**  
                                 Florida Pharmacy Association  
                                 Regulatory and Law Conference  
                                 Ft. Lauderdale, FL

07-13-13                   **Florida Healthcare Law Update**  
                                 University of Florida, College of Pharmacy  
                                 FPA Gator Reception  
                                 Orlando, FL

07-13-13                   **MTM Practice Models and CPT Coding Update**  
                                 123<sup>rd</sup> Annual Meeting and Convention  
                                 Florida Pharmacy Association  
                                 Orlando, FL

05-03-13                   **Medicare Provider Status for Pharmacists**  
                                 University of Florida, College of Pharmacy  
                                 Spring National Advisory Board Meeting  
                                 Orlando, FL

04-04-13                   **Employer-based Initiatives: Role of the Pharmacists in Transition of Care.**  
                                 Transition of Care & Readmissions Boot Camp  
                                 36<sup>th</sup> Annual Conference, Survive and Thrive in the Changing Health Care Environment  
                                 American Board of Quality Assurance & Utilization Review  
                                 Physicians (ABQAURP)  
                                 Tampa, FL

03-22-13                   **The Future of Pharmacy: Your Vision, Your Plan?**  
                                 National Student Pharmacist Compounding Competition,  
                                 University of Florida College of Pharmacy  
                                 Gainesville, FL

03-23-13                   **MTM Coding: Current Procedural Terminology**  
                                 National Student Pharmacist Compounding Competition,  
                                 University of Florida College of Pharmacy  
                                 Gainesville, FL

11-03-12                   **Strategic Positioning of MTM Services and Reimbursement in HealthCare Reform**  
                                 Nova Southeastern University  
                                 Ft. Lauderdale, FL

07-20-12                   **Medication Therapy Management: Emerging Payment Options**  
                                 Georgia Society of Health-System Pharmacists  
                                 2012 Summer Meeting  
                                 Amelia Island, FL

06-24-12 **Compensation for MTM Services: Where We've Been And Where We're Going**  
American Pharmacist's Association  
MTM Emerging Opportunities (McKesson Meeting)  
Las Vegas NV

03-31-12 **Opiate Metabolism: Dangerous Interactions**  
Prescribing in an Epidemic – Uniting Medical, Legal & Corporate Entities in Fighting America's Deadly Epidemic  
Gulf Stream, FL

03-10-12 **Compensation for MTM Services: Where We've Been and Where We're Going**  
American Pharmacist's Association Annual Meeting 2012  
New Orleans, LA

02-16-12 **Overview CDTM with metrics Measurement-Inpatient and Ambulatory Practice**  
CDTM Summit  
New York State Council of Health-system Pharmacists  
Albany, NY

10-17-11 **ACCP Meeting**  
Challenges to Expanding the Scope of Clinical Pharmacy  
Pittsburgh, PA

10-17-11 **Challenges to Expanding the Scope of Clinical Pharmacy**  
American College of Clinical Pharmacy Annual Meeting  
Pittsburgh, PA

08-27-11 **Prescribing in an Epidemic**  
Associates in Emergency Medical Education  
Tampa, FL

05-26-11 **Collaborative Drug Therapy Management as a Tool for Medication Therapy Management**  
34<sup>th</sup> Annual Schwarting Symposium Presentation  
Hartford, CT

12-04-10 **Developing ED practice models to ASHP Emergency Medicine PRN**  
45<sup>th</sup> Annual Midyear Meeting  
Anaheim, CA

09-18-10 **Healthcare Reform Update**  
Central Florida Society of Health-System Pharmacists  
Orlando, FL

07-17-10 **Summer Seminar**  
University of Florida  
Tampa, FL

04-28-10 **Therapy Management: Rheumatology and High Cost Agent**  
Lake Erie College of Osteopathic Medicine (LECOM)  
Bradenton, FL

02-26-10 **The Current Healthcare Environment: Where Does Medication Therapy Management Fit in?**  
Florida A & M University  
33<sup>rd</sup> Annual Clinical Pharmacy Symposium  
Tallahassee, FL

12-09-09 **Educating Patients about Gene Therapy: Information and Tools**  
44<sup>th</sup> Annual Midyear meeting  
American Society of Health-System Pharmacists  
Las Vegas, NV

12-08-09 **Submitting Medical Service Claims for Pharmacists' Clinical Activities**  
44<sup>th</sup> Annual Midyear meeting  
American Society of Health-System Pharmacists  
Las Vegas, NV

11-06-09 **Medication Therapy Management and CPC codes for Reimbursement**  
University of Florida COP 2009 Dean's National Advisory Board Meeting  
Gainesville, FL

09-25-09 **Journal Club Session**  
University of Florida Fall Faculty Workshop Conference  
Orlando, FL

09-19-09 **Pharmacy Managed Hyperlipidemia Clinic: Practice Models and Payment Mechanisms for Clinical Services**  
Southwest Florida Society of Health-System Pharmacy  
Tampa, FL

07-31-09 **Reaching Milestones MTM**  
Florida Society of Health-System Pharmacists  
43<sup>rd</sup> Annual Meeting  
Orlando, FL

07-11-09 **Pharmacy Managed Hyperlipidemia Clinic: Practice Models and Payment Mechanisms for Clinical Services**  
Florida Pharmacy Association 119<sup>th</sup> Annual Meeting and Convention  
St. Augustine, FL

02-24-09 **Medication Therapy Management, Documentation and Marketing**  
Lake Erie College of Osteopathic Medicine (LECOM)  
Bradenton, FL

01-15-09 **The Profession's Perspective on MTM Documentation and Billing in Providing Effective and Efficient Patient Care**  
2009 Annual Industry & Technology Issues Conference  
American Society for Automation in Software (ASAP)  
St. Petersburg, FL

12-09-08 **AMA-CPT Code Development and Update**  
2008 ASHP Management Pearls  
Orlando, FL

12-05-08 **Medication Therapy Management: Getting Paid for Clinical Services**  
University of Florida Seminar Presentation  
Gainesville, FL

11-14-08 **Medication Therapy Management: Getting Paid for Clinical Services**  
Keynote Speaker, 2008 Michigan Society of Health-System Pharmacists Annual Meeting  
Lansing, MI

10-07-08 **Documentation & Billing Standardization**  
2008 APHA Foundation Conference  
Bethesda, MD

09-12-08 **Design and Management of Medical Journal Club**  
2008 University of Florida, College of Pharmacy, Dean's Counsel Symposia  
Orlando, FL

08-25-08 **Medication Therapy Management: What's Next for Community Pharmacy?**  
2008 National Association of Chain Drug Stores Pharmacy & Technology Conference  
San Diego, CA

07-10-08 **The MTMS Business Plan and Dealing with Legal Billing Issues**  
Florida Pharmacy Association  
Orlando, FL

06-08-08 **ASHP Summer Meeting**  
Seattle, WA

04-12-08 **Strategies for Optimal Therapy in High Risk Patients: Treatment of COPD, Acute Coronary Syndrome & Venous Thromboembolism**  
Florida Chapter of American Society of Consultant Pharmacists Senior Care 2008  
Tampa, FL

04-07-08 **Determining the value of Pharmacy Services and Interventions in the ambulatory care setting**  
American College of Clinical Pharmacy  
2008 Spring Practice and Research Forum  
Phoenix, AZ

03-16-08 **Documenting MTM and Patient Care Activities**  
APhA 2008 Annual Meeting  
San Diego, CA

02-09-08 **A Vision for the Future: Developing Pharmacy Practice Models**  
Pennsylvania Pharmacists Association 2008 Mid Year Meeting  
Harrisburg, PA

10-14-07 **Development of Pharmacist Professional Services: The Future of MTMS**  
NCPA 109<sup>th</sup> Annual Convention  
Anaheim, CA

09-20-07 **Software, Documentation and Billing**  
National Association of Chain Drug Stores Meeting, Medication Therapy Management Services in Community Pharmacy: Building Process, Partnerships, and Outcomes  
Philadelphia, PA

06-26-07 **Current Legislative and Regulatory Issues in Pharmacy 2007**  
American Society of Health-system Pharmacists – Summer Meeting  
San Francisco, CA

05-22-07 **General Session: Perspectives in Practice: Medication Therapy Management Services**  
American Society of Consultant Pharmacists 29<sup>th</sup> Midyear Conference  
Hollywood, FL

05-22-07 **Business Skills 101: Contracting to Provide MTM Services**  
American Society of Consultant Pharmacists 29<sup>th</sup> Midyear Conference  
Hollywood, FL

12-04-06 **Impact of the Medicare Modernization Act on Pharmacy Reimbursement: Lessons Learned at the One Year Benchmark**  
American Society of Health-system Pharmacists – Midyear Meeting  
Anaheim, CA

11-20-06 **PQA National Meeting**  
American Society of Health-system Pharmacists  
Washington, DC

11-18-06 **Purchasing Medications Through the Internet**  
CDMI – Pfizer  
Chicago, IL

11-16-06 **Understanding CPT Codes**  
American Society of Consultant Pharmacists  
37<sup>th</sup> Annual Meeting and Exhibition - Senior Care Pharmacy  
Phoenix, AZ

11-16-06 **Defining Your Professional Services**  
American Society of Consultant Pharmacists  
37<sup>th</sup> Annual Meeting and Exhibition - Senior Care Pharmacy  
Phoenix, AZ

10-28-06 **Pharmacy Perspective on Quality Issues**  
29<sup>th</sup> Annual Health Care Quality and Patient Safety Conference Quality: The Pathway to Success  
American Board of Quality Assurance & Utilization Review  
Physicians  
Chicago, IL

10-27-06 **Models of Delivery for Patient Care – Future of MTMS**  
American College of Clinical Pharmacy  
29<sup>th</sup> Annual Health Care Quality & Patient Safety Conference Quality: The Pathway to Success  
St. Louis, MO

10-19-06 **Effective Oncology Benefit Management**  
Center for Business Intelligence's Effective Oncology Benefit Management Conference  
Chicago, IL

09-29-06 **Pharmacist Service Payment: Blueprint for Success**  
Alabama Pharmacy Consensus Conference  
Auburn University Harrison School of Pharmacy  
Auburn, AL

09-20-06 **Opportunities to Implement Compliant MTMP**  
HCPro  
Online Audio Conference

07-09-06 **CPT Coding**  
Georgia Society of Health-System Pharmacists  
2006 Summer Meeting  
Amelia Island, FL

05-15-06 **MTM – Focus Presentation**  
FMQAI Presentation  
Tampa, FL

05-05-06 **Emerging Trends in Clinical Medical Management: Value of Pharmacists Services**  
American Board of Quality Assurance & Utilization Review  
Physicians (ABQAURP), Medical Management System  
Innovations: The Next Generation  
Orlando, FL

04-28-06 **Pharmacist/Physician Collaboration Strategies**  
Walgreen's National Advisory Board Meeting  
Rosemont, IL

04-27-06 **Medicare Part D and the Expanding Need for Pharmacists Services**  
Pharmacy Society of Wisconsin  
Madison, WI

04-24-06 **Value of Psychiatric Medicine Debate – Industry and Managed Care Perspectives**  
College of Psychiatric and Neurologic Pharmacists (CNP)  
Annual Meeting 2006  
Baltimore, MD

04-22-06 **Medicare Part D: The Pharmacist's Role in Patient Management**  
National Advisory Board  
University of Florida College of Pharmacy  
Gainesville FL

04-07-06 **Pharmacists Billing Codes: Application in Practice Models**  
AMCP 18<sup>th</sup> Annual Meeting and Showcase  
Seattle, WA

04-05-06 **Medicare Part D: Prescription Drug Plans and MTMS Benefit Design**  
Academy of Managed Care Pharmacy (AMCP)  
18<sup>th</sup> Annual Meeting & Showcase  
Seattle, WA

03-23-06 **Medicare/CPT/Hospital**  
Catholic Health Partners  
Cincinnati, OH

02-26-06 **Medicare Reimbursement of Drug Therapy Management**  
Tennessee Society of Health -System Pharmacists (TSHP)  
Midyear Seminar  
Nashville, TN

02-20-06 **University of South Carolina**  
University of South Carolina College of Pharmacy (USC COP)  
Rho Chi Society Banquet,  
Columbia, SC

02-17-06 **Medication Therapy Management Services: Opportunities for Pharmacists and Implications for Treatment Options**  
American Society of Consultant Pharmacists  
2006 Spring Meeting, Hilton Clearwater Beach Resort  
Clearwater, FL

01-28-06 **Update on Medicare Part D and CPT Codes for Pharmacists' Services**  
Iowa Pharmacy Association  
Educational Expo 2006  
Des Moines, IA

01-25-06 **Update on Medicare Part D and CPT Codes for Pharmacists' Services**  
Pinellas County Pharmacy Association Meeting  
Hospice of the Florida Suncoast  
Clearwater, FL

12-06-05 **Practice Applications in Medication Therapy Management Services (MTMS) in Medicare Part-D**  
American Society of Health-System Pharmacists  
Midyear Meeting (ASHP)  
Las Vegas, NV

12-05-05 **Cutting-Edge Ambulatory Practice Program**  
American Society of Health-System Pharmacists  
Midyear Meeting (ASHP)  
Las Vegas, NV

12-03-05 **Impact of Medicare Part D and MTMS on Anticoagulation Services**  
20<sup>th</sup> Anniversary of the Pharmacy Invitational Conference on Antithrombotic Therapy (PICAT), Tuscany Suites and Casino  
Las Vegas, NV

12-03-05 **Selective Issues in Hospital Pharmacy Practice for 2006: Medicare Part D – It's Here!**  
University Health-System Consortium, Pharmacy Council  
Las Vegas, NV

12-03-05 **Anticoag**  
ASHP Midyear Meeting  
Las Vegas, NV

11-15-05                   **Electronic Billing of Non-Dispensing Pharmacy Services**  
                                 National Association of Chain Drug Stores (NACDS) 2005  
                                 Pharmacy & Technology Conference  
                                 San Diego, CA

11-12-05                   **Clinical Pharmacy Interventions Post MMA**  
                                 American Society of Consultant Pharmacists, Senior Care  
                                 Pharmacy '05 (ASCP)  
                                 36<sup>th</sup> Annual Meeting Exhibition Course Tracking/Publishing #20-  
                                 39948/10-231316  
                                 Boston, MA

10-26-05                   **MMA and Medicare Part D**  
                                 AmeriDrug & JSA Medical Group  
                                 Tampa, FL

09-29-05                   **MTMS Presentation**  
                                 Florida Hospital Presentation & Consulting  
                                 Orlando, FL

09-26-05                   **MMA and Medicare Part D**  
                                 NCPDP Educational Summit  
                                 Countdown to MMA: New & Unfinished Business  
                                 San Diego, CA

09-15-05                   **Pharmacist-Based CPT Codes for Medication Management**  
                                 The Profession has been recognized with CPT Codes, What  
                                 Next?  
                                 ASHP Teleconference Seminar

08-31-05                   **Electronic Billing of Non-Dispensing Pharmacy Services**  
                                 National Association of Chains Drug Stores Foundation  
                                 (NACDS) 2005 Pharmacy & Technology Conference  
                                 San Diego, CA

08-16-05                   **Current Opportunities in Billing for Pharmacist Clinical Services**  
                                 National Council of Prescriptions and Drug Programs (NCPDP)  
                                 Educational Summit, Countdown to MMA: New and Unfinished  
                                 Business  
                                 Philadelphia, PA

08-06-05                   **Using a PDA to Demonstrate the Value of Clinical Pharmacy  
                                 Services**  
                                 Florida Society of Health-System Pharmacists (FSHP)  
                                 39<sup>th</sup> Annual Meeting, Gaylord Palms Resort and Convention  
                                 Center  
                                 Orlando, FL

08-02-05                   **MTMS Medicare Part D**  
                                 Keystone Medical  
                                 Philadelphia, PA

07-08-05                   **Medicare Modernization Act: What we need to Know on  
                                 January 1, 2006**  
                                 Florida Pharmacy Association (FPA)  
                                 115<sup>th</sup> Annual Meeting and Convention  
                                 Marco Island, FL

06-23-05 **Show me the Money: Billing & Payment for MTM**  
National Association of Chain Drug Stores Foundation  
Washington, DC

06-16-05 **Develop a Clinical Practice**  
Arizona Pharmacy Association (AZPA)  
1<sup>st</sup> Annual Meeting  
Phoenix, AZ

06-16-05 **Update on Medication Therapy Management Services (MTMS) and Medicate Part D**  
Tampa Bay Residency Forum, St. Bart's Island House  
Tampa, FL

05-01-05 **How to Start a Clinical Practice**  
Arizona Pharmacy Association  
1<sup>st</sup> Annual Convention, Wild Horse Pass Resort ND Spa  
Chandler, AZ

04-30-05 **Tip Jars for Pharmacists: Current Update on Pharmacist Reimbursement Trends**  
Nova Southeastern University (NSU)  
16<sup>th</sup> Annual Program Contemporary Pharmacy Issues  
Davie, FL

04-11-05 **Current Opportunities in Billing and the Medicare Drug Benefit**  
American College of Clinical Pharmacy (ACCP)  
2005 Spring Practice Research Forum/Updates in Therapeutics  
Myrtle Beach, FL

04-02-05 **Development of Current Procedural Terminology (CPT) Codes for Pharmacists Services: Implications for Residency Training Programs**  
American Pharmacists Association Community Pharmacy Residency Program (CPRP)  
Annual Meeting 2005  
Orlando, FL

02-15-05 **Value of Medicine**  
Diagnostic Clinic of Largo  
Largo, FL

12-05-04 **Section Connection**  
American Society of Health-System Pharmacists (ASHP)  
39<sup>th</sup> Midyear Meeting  
Orlando, FL

11-22-04 **Developing an Advanced Pharmacy Practice Model – Position in the Pharmacist to Meet the Needs of the Healthcare Marketplace**  
National State Executives Association Meeting (NCSPAE)  
Fall Symposium  
Marco Island, FL

10-21-04 **Treatment of Pulmonary Embolus**  
Journal Club for St. Joe's ER, Donatello's  
Tampa, FL

10-17-04 **To Switch or Not to Switch**  
Brevard County Pharmacist's Association  
Melbourne, FL

09-26-04 **Reimbursement Update**  
Nebraska Health-System Pharmacists Association  
2004 Annual Fall Seminar  
Mahoney State Park, NE

09-09-04 **Value of Medicine**  
Tampa Bay Association of Health Underwriters, Feather Sound  
Country Club  
Clearwater, FL

08-28-04 **MMA and Reimbursement**  
National Association of Chain Drug Stores (NACDS)  
2004 Pharmacy & Technology Conference  
San Diego, CA

08-26-04 **Pancreatic Enzymes in Malabsorption Disorders**  
Wake AHEC Meeting  
Raleigh, NC

07-30-04 **Value of Medicine**  
Georgia Society of Health-System Pharmacists  
2004 GSHP Summer Meeting  
Amelia Island, FL

07-08-04 **Medicare Part D and CPT Coding Update**  
Florida Pharmacy Association, Pfizer  
Marco Island, FL

04-30-04 **Medicare Part D and CPT Coding Update**  
Nova Southeastern University (NOVA)  
Ft. Lauderdale, FL

11-15-03 **Documenting and Being Reimbursed for Care and Panel  
Discussion Opportunities for Pharmacists and Expanding Their  
Practices in Caring for Patients with Dementia, Delirium and  
Depression**  
Florida Pharmacy Association  
Academy of Pharmacy Practice (APP)  
Mid-Year Clinical Conference  
Orlando FL

10-11-03 **Overview of Direct Thrombin Inhibitors**  
SouthWest Florida Society of Health-System Pharmacists  
2003 Annual Meeting  
Professional and Therapeutic Update  
Tampa, FL

10-11-03 **Antibiotic Treatments in the Inpatient Setting**  
SouthWest Florida Society of Health-System Pharmacists  
2003 Annual Meeting  
Professional and Therapeutic Update  
Tampa, FL

09-10-03                   **Public Debate Forum – Pharmaceutical Importation**  
                                 Suncoast Tiger Bay Club  
                                 St. Petersburg, FL

06-27-03                   **New Developments in the Treatment of Erectile Dysfunction**  
                                 **Managed Care Consultancy Panel**  
                                 Bayer Healthcare Pharmaceuticals, Sheraton City Centre Hotel,  
                                 Salt Lake Centre Hotel  
                                 Salt Lake City, UT

06-03-03                   **Transforming Pharmacy Reimbursement – Planning Your Route:  
                                 Applying Reimbursement Strategies to diverse Practice Settings**  
                                 American Society of Health-System Pharmacists (ASHP)  
                                 Summer Meeting 2003, Learners and Leaders  
                                 San Diego, CA

06-02-03                   **Under Construction: Obtaining Reimbursement for Clinical  
                                 Services.**  
                                 American Society of Health-System Pharmacists (ASHP)  
                                 Summer Meeting 2003, Learners and Leaders  
                                 San Diego, CA

05-08-03                   **Treatment Options for Persistent Asthma**  
                                 Merck, Roy's Restaurant  
                                 Tampa, FL

04-01-03                   **Roundtables in Pharmaceutical Care**  
                                 American Pharmaceutical Association (APhA)  
                                 Annual Meeting & Exposition 2003  
                                 Pharmacy Administration and Management  
                                 ACPE 202-000-03-087-L04  
                                 New Orleans, LA

03-31-03                   **How to get paid for Pharmaceutical Care**  
                                 American Pharmaceutical Association (APhA)  
                                 Annual Meeting & Exposition 2003, Pharmacy Administration  
                                 and Management ACPE 202-000-03-040-L04  
                                 New Orleans, LA

03-22-03                   **Pharmacy Education and Pharmacy Practice: Improving Health  
                                 Outcomes Through the Provision of Comprehensive Pharmacy  
                                 Services**  
                                 Senate Health Educational and Labor and Pension Committee  
                                 Congressional Briefing, United States Capitol, Room S-115  
                                 Washington, DC

03-13-03                   **Peer Discussion Group TOPIC: Treatment Options for Persistent  
                                 Asthma**  
                                 Merck Speaker, Del Frisco  
                                 Winter Park, FL

12-10-02                   **Ambulatory and Chronic Care Practitioners: Development and  
                                 implementation of collaborative Management plans with other  
                                 providers**  
                                 American Society of Health-system Pharmacists (ASHP)  
                                 37<sup>th</sup> Annual ASHP Midyear Meeting, The ASHP Section of Home  
                                 Atlanta, GA

11-13-02                   **Clinical Service Reimbursement Workshop**  
                                  American Society of Consultant Pharmacists (ASCP)  
                                  2002 Senior Care Pharmacy 33rd Annual Meeting and  
                                  Exhibition  
                                  Anaheim, CA

11-10-02                   **Reimbursement for Pharmacy Services**  
                                  University of Florida, Pharmacy Law and Management  
                                  Conference 2002  
                                  Orlando, FL

10-05-02                   **Quinolone Antibiotic Update**  
                                  Southwest Florida Society of Health-System Pharmacists  
                                  (SWFSPH)  
                                  2002 Annual Meeting, Professional and Therapeutic Update  
                                  Tampa, FL

09-26-02                   **The Nuts and Bolts of Billing for Pharmacists' Services, Billing for  
                                  Clinical Services**  
                                  Iowa Pharmacy Association  
                                  Des Moines, IA

07-03-02                   **Fluoroquinolone Overview Lecture**  
                                  Bayer, Primary Care 2002  
                                  Kiawah Island, SC

06-14-02                   **Toxicology and DUI**  
                                  DUI Seminar, Hillsborough County Public Defender's Office  
                                  Meeting  
                                  Tampa, FL

06-09-02                   **Anti-Infective Treatment of Sinusitis**  
                                  Allergy, Asthma, and Immunology Associates  
                                  Key Largo, FL

06-07-02                   **HIV Pharmacology Update**  
                                  Florida Allergy, Asthma & Immunology Society  
                                  2002 Annual Meeting  
                                  Key Largo, FL

02-20-02                   **Insulin Delivery Devices**  
                                  Duval County Pharmacological Society, Novo Nordisk  
                                  Jacksonville, FL

12-13-01                   **Avelox Clinical Advisory Panel**  
                                  Bayer - Stratagem Plus, Inc., Donatello's  
                                  Tampa, FL

12-05-01                   **Public Relations: How to Get the Message Out About Today's  
                                  Pharmacy Practice**  
                                  American Society of Health-System Pharmacists (ASHP)  
                                  Midyear Meeting  
                                  New Orleans, LA

12-04-01                   **Serving as a Medical Expert Witness**  
                                  American Society of Health-System Pharmacists (ASHP)  
                                  2001 36<sup>th</sup> Annual Midyear Meeting  
                                  New Orleans, LA

11-18-01 **Diabetes Update: Alternative Delivery Devices**  
Eckerd's Health Care  
Southeastern Region Symposium  
Bonita Springs, FL

11-06-01 **Billing for Clinical Services**  
American Society of Clinical Pathologists (ASCP)  
32<sup>nd</sup> Annual Meeting  
Chicago, IL

08-09-01 **Collaboration is the Secret to Success**  
Florida Society of Health-System Pharmacists (FSHP)  
Annual Meeting  
Orlando, FL

06-28-01 **FPA 111<sup>th</sup> Annual Meeting and Convention**  
Marriott Marco Island Resort  
Marco Island, FL

05-17-01 **New Drug Approvals and Research Pipelines**  
Central Savannah River District of the Georgia Society of  
Health-System Pharmacists  
Martinez, GA

05-16-01 **Geriatric Practice: Pharmacy Consulting Models**  
American Society of Consultant Pharmacists (ASCP)  
23<sup>rd</sup> Midyear Conference 2001 Geriatrics Meeting  
Washington, DC

05-05-01 **Getting Paid for your Services**  
American Society of Consultant Pharmacists (ASCP)  
23rd Midyear Conference  
Washington, DC

03-25-01 **Handheld Medical Applications**  
Florida Society of Health-System Pharmacists (FSHP)  
2001 Spring Meeting, Health Professions Division, Nova  
Southeastern University  
Ft. Lauderdale, FL

03-01-01 **Update on Diabetes and Current Clinical Opportunities**  
Association of Clinical Research Professionals (ACRP)  
Suncoast Chapter  
Tampa, FL

02-15-01 **Anti-infective Selection: The Impact Of Our Decisions**  
Bayer  
Tampa, FL

01-30-01 **Pharmacotherapy Update Insulin, Advances and Feature  
NovoPen 3**  
Diabetes Update Lectures for Publix Pharmacists, Novo Nordisk  
Orlando, FL

01-23-01 **Diabetes Care and Clinical Research Update**  
St. Joseph's Hospital, Institutional Review Board (IRB)  
Tampa, FL

01-23-01 **Pharmacotherapy Update Insulin, Advances and Feature NovoPen 3**  
Diabetes Update Lectures for Publix Pharmacists, Novo Nordisk  
Publix Divisional Office  
Marietta, GA

01-21-01 **Pharmacotherapy Update Insulin, Advances and Feature NovoPen 3**  
Diabetes Update Lectures for Publix Pharmacists, Novo Nordisk  
Gainesville, FL

01-18-01 **Pharmacotherapy Update Insulin, Advances and Feature NovoPen 3**  
Diabetes Update Lectures for Publix Pharmacists, Novo Nordisk  
Tampa, FL

01-14-01 **Pharmacotherapy Update Insulin, Advances and Feature NovoPen 3**  
Diabetes Update Lectures for Publix Pharmacists, Novo Nordisk  
Deerfield Beach, FL

12-08-00 **Legislative Update: Pharmacy Law and Current Initiatives**  
American Society of Health-System Pharmacists  
Public Relations Advisory Network  
Midyear Clinical Meeting  
Las Vegas, NV

10-02-00 **Managing the Pharmacy Benefit: We Must Strive to Improve Patient Care**  
Pfizer - Tri-Service Forum Regions 3 &4  
Callaway Gardens, GA

05-26-00 **DUI Issues Training Seminar**  
Hillsborough County Public Defender's Office  
Tampa, FL

03-09-00 **Fluoroquinolone Update**  
South Florida Society of Health System Pharmacists Meeting  
Miami, FL

12-07-99 **Issues Surrounding Pharmacist Reimbursement**  
American Society of Health-System Pharmacists (ASHP)  
1999 Mid-Year Clinical Meeting  
Orlando, FL

12-02-99 **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Conference  
Microbiology, Resistance and PK/PD of the Newer Agents  
Dallas, TX

12-01-99 **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Conference  
Microbiology, Resistance and PK/PD of the Newer Agents  
Houston, TX

11-02-99                    **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Conference  
Microbiology, Resistance and PK/PD of the Newer Agents  
Baton Rouge, LA

10-25-99                    **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Meeting  
Microbiology, Resistance and PK/PD of the Newer Agents  
Ft. Worth, TX

09-29-99                    **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Conference  
Microbiology, Resistance and PK/PD of the Newer Agents  
Bayer, The Pillars Restaurant  
Mobile, AL

09-25-99                    **Designing an Anticoagulation Clinic**  
Saint Louis College of Pharmacy, St. Louis College of Medicine,  
Fundamentals for Pharmaceutical Care Reimbursement  
St. Louis, MO

09-23-99                    **Antibiotic Selection in the Age of Resistance: A Focus on Newer Agents on Selected Respiratory Tract Infections**  
Bayer - CME Dinner Conference  
Microbiology, Resistance and PK/PD of the Newer Agents  
Bayer, Donatello's Restaurant  
Tampa, FL

08-13-99                    **Getting Paid for Pharmaceutical Care: Guidelines for Medicaid, Medicare and Third Party Payer Reimbursement**  
Pharmacy Society of Wisconsin (PSW)  
1999 Annual Meeting  
La Crosse, WI

03-05-99                    **Long Term Care: Reimbursement for Clinical Services**  
American Society of Consultant Pharmacists (ASCP)  
North Carolina Chapter  
Charlotte, NC

04-18-98                    **Polypharmacy and the 20 Newest Drugs**  
Nurse Practitioners Associates for Continuing Education  
NPACE National Primary Care Conference  
Orlando FL

03-03-98                    **Advances in Quinolone Antibiotic Therapy**  
Southern Gulf Society of Health-system Pharmacists  
Ft. Myers, FL

02-24-98                    **Overview of Quinolone Antibiotics: Current Market Trends**  
Department of Pharmacy, St. Joseph's Hospital  
Tampa, FL

02-20-98 **Establishing, Documenting & Marketing Clinical Services**  
Clinical Practice in a Managed Care Era  
22<sup>nd</sup> Annual Clinical Pharmacy Symposium  
Florida A&M University School of Pharmacy  
Tallahassee, FL

01-27-98 **Pharmaceutical Care Services in the Long Term Care Setting: Reimbursement Strategies**  
Clinical Advisory Board  
Omnicare International  
Cincinnati, OH

11-15-97 **Compensation Strategies for Hyperlipidemia Programs**  
Hyperlipidemia Conference '97  
Auburn University, School of Pharmacy  
Auburn, AL

11-11-97 **Biotechnology: Pharmaceutical Care Practice Opportunities**  
University of Illinois at Chicago, College of Pharmacy  
Symposium on Biotechnology  
Chicago, IL

10-18-97 **Managed Care: Drug Formulary Strategies**  
Managed Care Success Strategies, Tampa Westin Hotel  
Tampa, FL

09-27-97 **Embracing Pharmaceutical Care Practices**  
Southern California Society of Health-systems Pharmacists  
Los Angeles, CA

09-17-97 **Biotechnology: Pharmaceutical Care Practice Opportunities**  
Chicago, IL

09-09-97 **Update on Reimbursement Strategies for Pharmaceutical Care Services**  
University of Florida Law & Management Conference  
Orlando, FL

08-26-97 **Development of Clinical Pharmacy Services and Practice Management Systems**  
VHA Conference, Opryland Hotel  
Nashville, TN

08-02-97 **Reimbursement Strategies for Clinical Services for Managing Patients with Osteoporosis**  
Osteoporosis Treatment Management  
Mercer University  
Atlanta, GA

07-11-97 **Asthma: Treatment and Therapeutic Alternatives**  
Establishing Patient Care Services in the Pharmacy: The Basics,  
CarePoint  
Atlanta, GA

06-27-97 **Osteoporosis & Reimbursement**  
Mercer University  
Atlanta, GA

06-20-97 **Developing Advanced Practice Models for Pharmaceutical Care Services**  
Pennsylvania Society of Health-System Pharmacists  
Long Branch, NJ

06-07-97 **Developing Reimbursement Strategies for Ambulatory Care Services**  
Nebraska Pharmacists Association  
1997 Annual Convention  
Grand Island, NE

05-17-97 **Pharmacists-based Clinical Pharmacology Research**  
Florida Society of Health-Systems Pharmacists  
1997 Annual Meeting  
Ft. Lauderdale, FL

05-16-97 **Reimbursement for Pharmaceutical Care: Present and Future Considerations**  
Pharmaceutical Care A Closer Look, North Carolina Council on Pharmaceutical Care  
Chapel Hill, NC

05-16-97 **Marketing Pharmaceutical Care: An Essential Ingredient**  
Pharmaceutical Care A Closer Look  
North Carolina Council on Pharmaceutical Care  
Chapel Hill, NC

05-10-97 **New Horizons in Diabetes Management: Reimbursement Models**  
New Jersey Society of Certified Diabetes Education  
Diabetes Educators Symposium  
Voorhees, NJ

05-03-97 **Practice models for service and reimbursement – Diabetes Management**  
Metro New York – Garden State Diabetes Educators  
Symposium  
West Orange, NJ

05-01-97 **Evaluation Methods for Clinical Pharmacology Trials**  
University of South Florida, Department of Pediatrics  
Residents Program  
Tampa, FL

04-29-97 **Tinnitus: Treatment and Management Update**  
American Tinnitus Association  
Tampa Bay Chapter/Support Group  
Tampa, FL

04-22-97 **Clinical Pharmacology Review: American Board of Internal Medicine Review Course**  
University of South Florida College of Medicine  
Medical Residents  
Tampa, FL

04-12-97 **Advanced Practice Models: The Future of Pharmaceutical Care**  
Louisiana Society of Health-System Pharmacists  
New Orleans, LA

04-04-97 **New Treatments for HIV: Update**  
National Association of Nurse Practitioner's Conference  
1997 NPACE  
Orlando, FL

04-04-97 **Top 20 New Medications**  
National Association of Nurse Practitioner's Conference  
1997 NPACE  
Orlando, FL

04-04-97 **Antibiotic Update: 1997**  
National Association of Nurse Practitioner's Conference  
1997 NPACE  
Orlando, FL

03-15-97 **Advanced Practice Models for Pharmaceutical Care**  
South Florida Society of Health-System Pharmacists  
Miami, FL

03-09-97 **Developing Reimbursement Strategies for Clinical Pharmacy Services**  
Greensboro AHEC  
Greensboro, NC

03-07-97 **Getting Paid for Pharmaceutical Care: Reimbursement Workshop**  
American Pharmaceutical Association (APhA)  
1997 Annual Meeting  
Los Angeles, CA

12-12-96 **Cost Impact of Lipid Lowering Therapy**  
Managed Care Medical Directors of Florida  
1996 Annual Meeting  
Tampa, FL

09-14-96 **Management of Tuberculosis: Clinical Case Studies**  
Southwest Florida Society of Health system Pharmacists (SWFSHP)  
1996 Annual Meeting  
Update on the Management of Infectious Diseases  
Tampa, FL

11-07-96 **Value of Pharmaceutical Disease Management in Reducing Overall Health Care Costs**  
Merck - Central Florida Health Care Coalition (CFHCC)  
Orlando, FL

08-17-96 **Management and New Therapies for HIV Infection**  
Update on HIV and Related Infections  
A Continuing Education Program for Pharmacists  
University of South Florida  
Tampa FL

04-08-96 **Implementation of Community Based Pharmaceutical Care Service**  
Florida Society of Health-System Pharmacists Midyear Meeting  
Ft. Lauderdale, FL

03-26-96      **Newer Antibiotics in the Managed Care Setting**  
Challenges in Pharmaceutical Care  
Braintree, MA

02-22-96      **Pharmacokinetic Services: Pharmacist Managed Consult Service Model**  
Polk County Pharmaceutical Association  
Bartow, FL

02-10-96      **Pharmacoeconomic Trials: Designing Research Trials to Improve Clinical Outcomes and Reduce Health Care Costs**  
United States Pharmacoeconomic Advisory Board, Bayer  
Vail, CO

11-07-95      **Value of Pharmaceutical Disease Management In Reducing Overall Health Care Costs Reducing Overall Health Care Costs Through Pharmaceutical and Disease Intervention,**  
The Healthcare Revolution, Central Florida Health Care Coalition (CFHCC)  
Orlando, FL

10-04-95      **Pharmacy Management Course**  
University of Florida  
Gainesville, FL

10-01-95      **Applying Reimbursement Coding to Pharmaceutical Care Services**  
New York State Council of Health-System Pharmacists  
1995 Annual Meeting  
Newburgh, NY

09-16-95      **Pharmacists Care of Anticoagulant and Cardiovascular Patients**  
Florida Pharmacy Association Continuing Education Series  
St. Petersburg, FL

08-26-95      **Practical Issues Related to the Conduct of Clinical Trials, Research & Development: Oral Streptogramins In Sinusitis**  
Four Seasons Hotel  
Chicago, IL

08-15-95      **Expanding Services in the Diabetes Marketplace**  
Orange County Pharmaceutical Association  
Orlando, FL

08-07-95      **Macrolide Antibiotic Update**  
American College of Clinical Pharmacy  
1995 Annual Meeting  
Washington, DC

08-04-95      **Pharmaceutical Care: Nephrology Services, Developing Reimbursement Strategies**  
Florida Society of Health-system Pharmacist  
1995 Annual Meeting, Stouffer Hotel  
Orlando, FL

08-04-95      **Justification of Pharmacy Services: Survival for the Future, Panel Discussion**  
Opening Session, Florida Society of Health-system Pharmacist  
1995 Annual Meeting, Stouffer, Hotel  
Orlando, FL

07-25-95      **Implementing Pharmaceutical Care**  
Practitioner Panel Tennessee Pharmacist Association 108th  
Annual Meeting  
Memphis, TN

06-06-95      **Expanding Pharmaceutical Care in an Era of Declining Resources**  
American Society of Hospital Pharmacists  
1995 Annual Meeting  
Philadelphia, PA

05-21-95      **Issues in Infectious Diseases: 1995**  
CE on the SEA, Continuing Education Seminar  
Ocho Rios, Jamaica

05-19-95      **Antibiotic Update: 1995**  
Florida Nurses Association, Bellevue Biltmore  
Clearwater, FL

05-16-95      **Update on Antifungal Therapy: Primer for Clinical Practice**  
Pinellas County Pharmaceutical Association  
Pinellas Park, FL

05-10-95      **Steroid Overview for Primary Care Practice**  
Nurse Practitioner Association for Continuing Education  
1995 Annual Meeting  
Orlando, FL

04-18-95      **Pharmaceutical Care: Intensive Insulin Therapy**  
Southern Gulf Society of Hospital Pharmacist, Holiday Inn  
Ft. Myers, FL

04-08-95      **Pharmacotherapeutic Care Plans for Ambulatory Patients**  
Implementation of Community Based Pharmaceutical Care  
Service  
Ft. Lauderdale, FL

04-08-95      **Developing a Nephrology Pharmaceutical Care Practice**  
Florida Society of Hospital Pharmacist  
1995 Annual Meeting  
Ft. Lauderdale, FL

04-07-95      **Issues and Advances in Pediatrics. Advances in Pediatric Pharmacology: Medications and Drug Delivery Systems**  
Sheraton Sand Key Resort  
Clearwater Beach, FL

03-21-95      **Reimbursement for Pharmaceutical Care Services**  
Southern Gulf Society of Hospital Pharmacist  
Lee Memorial Hospital  
Ft. Myers, FL

02-16-95                   **Early Presumptive Antifungal Therapy**  
Internal Medicine Grand Rounds, University of South Florida  
College of Medicine  
Tampa, FL

02-24-95                   **Aminoglycoside and Vancomycin Pharmacokinetics: Clinical Application**  
Course# PHA4123/5121, University of Florida, College of Pharmacy  
Gainesville, FL

02-25-95                   **Pediatric Hyperlipidemia: Assessment and Management**  
University of Florida College of Pharmacy  
Post Graduate PharmD. Program, USF College of Public Health  
Tampa, FL

02-04-95                   **New Approaches to Cancer Therapy: Gene Therapy and Monoclonal Antibodies**  
Florida Pharmacy Association  
Academy of Pharmacy Practice  
Clinical Mid-Year Conference  
Orlando, FL

01-27-95                   **Reimbursement Factors in Modern Healthcare**  
Miles 1995 Pharmacy Advisory Board  
Innisbrook, FL

01-28-94                   **Pharmaceutical Care and Reimbursement for Pharmacy Services**  
Miles Pharmacy Advisory Group  
Tarpon Springs, FL

12-13-94                   **Establishing Reimbursement Guidelines for Cognitive Services**  
North Pinellas Pharmacy Association  
Tarpon Springs, FL

12-05-94                   **Issues in Antifungal Therapy**  
American Society of Hospital Pharmacists  
Exhibitor's Theater Program  
29th Midyear Clinical Meeting, Miami Beach Convention Center  
Miami, FL

11-19-94                   **Clinical Aspects of Early Antifungal Therapy in the ICU**  
Cost Effectiveness in the ICU  
Orlando Hilton  
Orlando, FL

11-10-94                   **Review of Antifungal Therapy**  
Mobile Pharmacy Association, Providence Hospital  
Mobile, AL

10-18-94                   **Diabetes and the Geriatric Patient**  
VA Medical Center  
Miami, FL

10-07-94 **Medications and Their Impact on Ototoxicity and Patient Assessment**  
Florida Speech and Hearing Association  
1994 Annual Meeting  
Cocoa Beach, FL

10-06-94 **Contribution of Biotechnology to Pharmaceutical Pipelines: Current and Future**  
American College of Clinical Pharmacology, Symposium  
23rd Annual Meeting  
Orlando, FL

08-05-94 **Obtaining Reimbursement for Therapeutic Outcomes Monitoring**  
TOM Pharmacist Meeting  
University of Florida College of Pharmacy  
Gainesville, FL

08-04-94 **Considerations in the Diagnosis and Treatment of Fungal Infections**  
National Teleconference, American Teleconferencing  
Tampa, FL

08-04-94 **A Pharmacotherapeutic Care Plan Model: Renal Disease, Pharmacoeconomic Considerations II**  
Florida Society of Health system Pharmacists  
1995 Annual Meeting  
Orlando, FL

08-04-94 **Financial Impact of Innovative Pharmaceutical Services**  
Florida Society of Health system Pharmacists  
Opening General Session: Forces Affecting Health Care in Florida  
1995 Annual Meeting  
Orlando, FL

07-08-94 **Reimbursement for Pharmacy Services**  
Arizona Society of Hospital Pharmacists  
1994 Annual Meeting  
Tucson, AZ

06-22-94 **Antifungal Therapy: Clinical Software Applications**  
Pharmacy Grand Rounds, Gunnersville Hospital  
Gunnersville, AL

06-21-94 **Antifungal Therapy: Clinical Software Applications**  
University Hospital Pharmacists  
Birmingham, AL

06-20-94 **Rational Antifungal Therapy in Hospitalized Patients**  
Grand Rounds, Lakeland Regional Hospital  
Lakeland, FL

06-08-94 **Pain Management and Non-steroidal Anti-inflammatory Agents**  
Pain Management Symposium, Tampa General Hospital  
Tampa, FL

06-07-94      **Maximizing Reimbursement for Pharmaceutical Products and Services**  
American Society of Hospital Pharmacists, Exhibitor's Theater,  
51st Annual Meeting  
Reno, NV

05-05-94      **The Rising Cost of Candida Infections**  
Northwest Alabama Pharmacists Association  
Florence, AL

04-08-94      **Antifungal Therapy in the Critically Ill**  
American Association of Critical Care Nurses Gulf coast  
Chapter Spring Meeting

03-26-94      **Reimbursement Guidelines for Pharmacy Services**  
Pharmaceutical Care Forum, CarePoint  
Folly Beach, SC

03-06-94      **Health Care Reform: Preparing Pharmacy for Change**  
Tennessee Society for Hospital Pharmacists  
1994 Annual Meeting  
Nashville, TN

02-25-94      **Patient Education and Pharmaceutical Care**  
1994 Update: Colony Stimulating Factors  
St. Petersburg, FL

02-15-94      **Opportunities for Pharmacists in Biotechnology**  
West Alabama Society of Hospital Pharmacists  
Tuscaloosa, AL

02-10-94      **Health care Reform: It's Impact on Pharmacy Practice**  
Society of Hospital Pharmacists  
Tallahassee, FL

02-05-94      **Patient Monitoring - Software Applications**  
Cytokine Forum Group  
San Diego, CA

02-04-94      **Developing Reimbursement Guidelines of Pharmaceutical Care Services**  
CarePoint Pharmaceutical Care Conference  
Atlanta, GA

01-28-94      **Pharmaceutical Care and Reimbursement for Pharmacy Services**  
Miles Pharmacy Advisory Group  
Tarpon Springs, FL

01-13-94      **Implementing System for Payment**  
An update on OBRA 90  
The 22nd Annual Pharmacy Law and Management Conference  
Lake Buena Vista, FL

12-09-93      **New Clinical Software Applications**  
American Society of Hospital Pharmacists  
1993 Midyear Clinical Meeting  
Atlanta, GA

12-09-93                   **Clinical Case Studies: Antifungal Therapy**  
                                  American Society of Hospital Pharmacists  
                                  1993 Midyear Clinical Meeting  
                                  Atlanta, GA

12-08-93                   **Health Care Reform: It's Impact on Hospitals and Pharmacy,  
                                  How Hospital Pharmacy Will Be Affected**  
                                  American Society of Hospital Pharmacists  
                                  1993 Midyear Clinical Meeting  
                                  Atlanta, GA

11-21-93                   **Biotechnology Pharmaceutical Products: The Pharmacists Role**  
                                  South Dakota Pharmaceutical Association  
                                  1993 Annual Meeting  
                                  Sioux Falls, SD

11-13-93                   **Implementing a System for Payment**  
                                  University of Florida College of Pharmacy  
                                  22nd Annual Pharmacy Law and Management Conference,  
                                  "An Update of OBRA 90"  
                                  Gainesville, FL

11-12-93                   **The Diabetes Marketplace**  
                                  Gulf Coast Pharmaceutical Association  
                                  Ft. Meyers, FL

11-07-93                   **Pharmacoconomics and Colony Stimulating Factors**  
                                  Georgia Society of Hospital Pharmacists  
                                  Thomasville, GA

10-03-93                   **Reimbursement for Patient Consultation**  
                                  Illinois Pharmacists Association  
                                  113th Annual Meeting and Exhibition  
                                  Rockford, IL

09-26-93                   **Insulin & Diabetes Update**  
                                  Southeastern Society of Hospital Pharmacists  
                                  Ft. Lauderdale, FL

09-14-93                   **Update on Health Care Reform**  
                                  Eastern Shores Florida Society of Hospital Pharmacists  
                                  Daytona, FL

08-22-93                   **Experiences with Utilization of CPT Coding Reimbursement for  
                                  Clinical Services: Round Table Forum**  
                                  Florida Society of Hospital Pharmacists  
                                  1993 Annual Meeting  
                                  Orlando, FL

08-19-93                   **Managing Patients on Biologic Response Modifiers Practical  
                                  Applications of Biologic Response Modifiers**  
                                  Florida Society of Hospital Pharmacists  
                                  1993 Midyear Meeting  
                                  Orlando, FL

08-14-93                   **Leadership Skills: Tricks of the Trade**  
                                  Florida A&M Leadership Conference  
                                  Orlando, FL

07-13-93            **The Pharmacoconomics of Antifungal Therapy**  
                         Vanderbilt University, Department of Pharmacy  
                         Nashville, TN

07-10-93            **Pharmaceutical Biotechnology Update**  
                         ALCO Health Services Corporation  
                         1993 Annual Meeting  
                         Orlando, FL

06-24-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         Teleconference Pfizer Pharmaceuticals

06-22-93            **Insulin Update**  
                         Hillsborough County Pharmaceutical Association  
                         Tampa, FL

06-10-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         Teleconference Pfizer Pharmaceuticals  
                         Tampa, FL

06-07-93            **Amlodipine and Beta Blockers**  
                         American Society of Hospital Pharmacists  
                         1993 Annual Meeting  
                         Denver, CO

05-30-93            **Developing Reimbursement Strategies for Clinical Services**  
                         Florida A&M University  
                         Clearwater, FL

05-25-93            **Monitoring Patients on Biologic Response Modifiers**  
                         National Home Infusion Association/National Association of  
                         Retail Druggist  
                         1993 Annual Meeting, Rx Expo '93  
                         Orlando, FL

05-21-93            **Clinical Pharmacokinetic Software**  
                         University of Florida, Applied Pharmacokinetics 1993  
                         Gainesville, FL

05-19-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         Teleconference Pfizer Pharmaceuticals  
                         Tampa, FL

05-13-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         Capital Society of Hospital Pharmacists  
                         Tallahassee, FL

05-07-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         Flagler Community Hospital, Department of Pharmacy  
                         St. Augustine, FL

05-07-93            **Important Issues in the Selection of IV versus PO Fluconazole**  
                         St. Vincent's Hospital, Department of Pharmacy  
                         Jacksonville, FL

05-01-93                   **Drug Research and Development: From the Laboratory to the Drug Store**  
                                 Cystic Fibrosis Family Day, University of South Florida,  
                                 Department of Pediatrics  
                                 Tampa, FL

04-29-93                   **Important Issues in the Selection of IV versus PO Fluconazole**  
                                 Teleconference Pfizer Pharmaceuticals  
                                 Tampa, FL

04-28-93                   **Important Issues in the Selection of IV versus PO Fluconazole**  
                                 Birmingham Hospital Pharmacists Program  
                                 Birmingham, AL

04-27-93                   **Important Issues in the Selection of IV versus PO Fluconazole**  
                                 Montgomery Regional Hospital Pharmacists, Penach at  
                                 Rose Hill  
                                 Montgomery, AL

04-23-93                   **Pharmaceutical Biotechnology Update**  
                                 American Association Critical Care Nurses  
                                 1993 Annual Meeting  
                                 Clearwater, FL

04-22-93                   **Pharmaceutical Biotechnology: Research and Development**  
                                 Anderson Memorial Hospital, Medical Grand Rounds  
                                 Anderson, SC

04-07-93                   **Important Issues In the Selection of IV versus PO Fluconazole**  
                                 Teleconference Pfizer Pharmaceuticals  
                                 Tampa, FL

02-24-93                   **Important Issues in the Selection of IV versus PO Fluconazole**  
                                 Teleconference Pfizer Pharmaceuticals  
                                 Tampa, FL

02-18-93                   **Therapeutic Drug Monitoring: Antibiotics**  
                                 University of Florida, College of Pharmacy  
                                 Pharmacokinetics Course  
                                 Gainesville, FL

12-28-92                   **JCAHO and Home Health Care**  
                                 CareStat of Colorado, Department of Pharmacy  
                                 Denver, CO

12-15-92                   **Selection of IV versus PO Fluconazole Therapy**  
                                 Teleconference  
                                 Tampa, FL

12-13-92                   **Reimbursement for Clinical Pharmacy Services**  
                                 Florida Pharmaceutical Association  
                                 Sarasota, FL

11-21-92                   **Reimbursement for Clinical Pharmacy Services "Implementing OBRA '90"**  
                                 Twenty-First Annual Pharmacy Law and Management  
                                 Conference  
                                 Orlando, FL

11-20-92                   **Pharmacy Practice in the 1990's**  
                                 Seminole Heights Elementary School, Great American Teach-In  
                                 Tampa, FL

10-24-92                   **New Medications and Absorption Routes - How They Can Interact**  
                                 Florida Nurses Association  
                                 Third Annual Pharmacology Update  
                                 Tampa, FL

10-14-92                   **Drug Utilization Review and Outcomes Management**  
                                 Georgia Shared Services, Fall Forum 1992  
                                 Callaway, GA

10-07-92                   **Pharmacological Approach to the Treatment of Pressure Ulcers**  
                                 Pressure Ulcers - Prevention, Assessment, Treatment and  
                                 Infection Control  
                                 Sand Key Beach, FL

09-30-92                   **Review of Antifungal Therapy**  
                                 Pfizer Pharmaceuticals, Southeastern Regional Sales Division  
                                 Regional Sales Meeting  
                                 Tampa, FL

09-15-92                   **Advances in Oral Antibiotics**  
                                 Augusta Pharmaceutical Association  
                                 Augusta, GA

09-06-92                   **Biotechnology and Immunology**  
                                 Puerto Rico Pharmaceutical Association  
                                 San Juan, Puerto Rico

08-14-92                   **Biotechnology and Drug Development**  
                                 Pharmacy Grand Rounds  
                                 HCA Community Hospital  
                                 New Port Richey, FL

08-13-92                   **Review of Amphotericin B and Antifungal Therapy**  
                                 Roche Professional Services Division  
                                 Home Health Pharmacy Services  
                                 Tampa, FL

07-27-92                   **Advances in Biotechnology and Drug Development**  
                                 Pharmacy Grand Rounds, St. Joseph's Hospital  
                                 Tampa, FL

07-18-92                   **Application of Biotechnology in Medicine**  
                                 Florida Pharmaceutical Association, Annual Meeting 1992,  
                                 Boca Raton, FL

07-14-92                   **Advances in Hospital Pharmacy Practice**  
                                 Pharmaceutical Training Seminar, Miles, Inc.  
                                 Orlando, FL

05-20-92                   **Health Care Reform: Impact on Pharmacy Services**  
                                 Eastern Shores Society of Hospital Pharmacists  
                                 Daytona Beach, FL

05-15-92                   **All Americas Health care Conference**  
                                 AIDS Update, Moderator  
                                 Tampa, FL

04-16-92                   **Antimicrobial Testing and Resistance**  
                                 Memorial Hospital (AMI)  
                                 Tampa, FL

04-14-92                   **Clinical Pharmacology Review or Sertraline**  
                                 Hillsborough County Pharmaceutical Association  
                                 Tampa, FL

04-02-92                   **Monoclonal Antibodies and Antibiotic Selection**  
                                 Pinellas County Hospital Pharmacists  
                                 Clearwater, FL

03-25-92                   **Monoclonal Antibodies: Clinical Applications**  
                                 Health care Forum, Regional Hospital Consortium  
                                 Miami, FL

03-11-92                   **Biotechnology in Retail Pharmacy**  
                                 Pasco/Hernando County Pharmaceutical Association  
                                 New Port Richey, FL

03-05-92                   **Introduction to Use and Handling of Biotechnology Agents**  
                                 Ohio Society of Hospital Pharmacists, "Pharmacy Technician  
                                 Program"  
                                 1992 Annual Meeting  
                                 Dayton, OH

02-27-92                   **Introduction to Clinical Pharmacology Principles**  
                                 University of South Florida, Internal Medicine Noon Conference  
                                 Tampa, FL

02-05-92                   **Therapeutic Drug Monitoring in Psychiatry**  
                                 University of South Florida, Psychiatry Residence Conference  
                                 Tampa, FL

01-15-92                   **Analysis of Antibiotic Selection and Treatment on the Clinical  
                                 Outcome of Monoclonal Anti-Endotoxin Therapy**  
                                 Merck Research Laboratories  
                                 Rahway, NJ

12-10-91                   **Profile of the Clinical Pharmacokinetic Software Marketplace**  
                                 Syva International, Marketing Division  
                                 Tampa, FL

12-05-91                   **Selecting Clinical Pharmacokinetic Software**  
                                 American Society of Hospital Pharmacists  
                                 1991 Midyear Clinical Meeting  
                                 New Orleans, LA

12-01-91                   **Clinical Applications for Colony Stimulating Factors**  
                                 Long Island Hospital Pharmacy Directors Meeting  
                                 Long Island, NY

09-29-91                   **Clinical Documentation: Important or Impractical?**  
                                 Indian River Pharmacy Association  
                                 Vero Beach, FL

08-10-91 **Colony Stimulating Factors: From Laboratory to Clinical Applications**  
Southern Gulf Society of Hospital Pharmacists  
Ft. Myers, FL

08-08-91 **Medical Legal Issues in Pharmacy Practice**  
Moderator Current Issues in Pharmacy Practice  
Lake Buena Vista, FL

06-07-91 **Colony Stimulating Factors: Clinical Applications**  
Southeastern Society of Hospital Pharmacists  
North Broward Medical Center  
Ft. Lauderdale, FL

05-16-91 **Colony Stimulating Factors: From Laboratory to Clinical Applications**  
Polk County Pharmacy Association  
Lakeland, FL

04-26-91 **Evaluation of Clinical Services: Outcomes Management**  
Moses H. Cone Hospital, Pharmacy Grand Rounds  
Greensboro, NC

04-06-91 **Clinical Impact of Nutrition Support in Home Health care**  
Roche Professional Services, Clinical Training Program  
Tampa, FL

03-15-91 **Therapeutic Drug Monitoring: Applications in Home Health care**  
Dun & Bradstreet Corporation  
Tampa, FL

01-26-91 **Pharmacology Concerns for the Audiologist**  
Florida Association of Speech, Hearing, and Audiology  
(FLASH) Winter Conference  
Gainesville, FL

01-19-91 **Drug-Induced Ototoxicity**  
Florida Language Speech and Hearing Association  
1991 Winter Meeting  
Cocoa Beach, FL

11-90 **Clinical Outcomes Management**  
Southwest Florida Society of Hospital Pharmacists  
1990 Annual Meeting  
St. Petersburg, FL

08-90 **Clinical Pharmacokinetics: Software Review**  
Florida Society of Hospital Pharmacists  
24th Annual Meeting  
Orlando, FL

06-90 **Outcomes Management**  
Southwest Central Louisiana Society of Hospital Pharmacists  
Baton Rouge, LA

05-90 **Anti-infective Therapy in the Immunocompromised Patient**  
Orlando Pharmacy Symposium '90, Co-Chairman  
Orlando, FL

10-89      **Review of Clinical Pharmacokinetic Software**  
                 California Society of Hospital Pharmacists Seminar  
                 1989 Meeting  
                 Los Angeles, CA

10-89      **Evaluation of Commercially Available Pharmacokinetic Software Systems**  
                 Georgia Society of Hospital Pharmacists Midyear Meeting  
                 Athens, GA

10-89      **Bayesian Pharmacokinetics**  
                 Pharmacy Grand Rounds, H. Lee Moffitt Cancer Center  
                 Tampa, FL

02-89      **Clinical Pharmacokinetics Software Systems**  
                 Pharmacy Grand Rounds, H. Lee Moffitt Cancer Center  
                 Tampa, FL

04-88      **Design and Implementation of a Computerized Pharmacokinetic Patient Tracking System**  
                 Southeastern Residents Conference  
                 Athens, GA

10-87      **Geriatric Pharmacology: Therapeutic Considerations**  
                 Emory University Hospital, Pharmacy Grand Rounds  
                 Atlanta, GA

11-86      **Aminoglycoside Dosing Adjustments in Renal Failure**  
                 Emory University Hospital, Clinical Pharmacy Department  
                 Atlanta, GA

08-86      **Vaccinating the Elderly**  
                 Veteran's Administration Hospital, Medical Staff  
                 Atlanta, GA

06-86      **Pneumocystis carinii Pneumonia in AIDS Patients: Current Treatments and Investigational Agents**  
                 Dekalb General Hospital, Clinical Pharmacy Department  
                 Atlanta, GA

11-85      **The Pharmacological Interactions of Lithium Carbonate**  
                 Georgia Mental Health Institute, Medical Staff Conference  
                 Atlanta, GA

11-85      **Clinical Case Study: Organic Personality Syndrome**  
                 Georgia Mental Health Institute, Medical Staff Conference  
                 Atlanta, GA

**TELEVISION / RADIO / MEDIA:**

05-01-13      **Transitional Care CPT Codes May Include Pharmacists' Services**  
                 Pharmacy News  
                 Kate Traynor

09-11-12      **Connecting Health: Medication Therapy Management**  
                 Medical Update Show  
                 Jacksonville, FL

01-14-10 **Antidepressants Can Lead to Weight Gain**  
St. Petersburg Times  
Irene Maher

10-09 **Current Concepts in Pharmacy Management: Medicare Part D**  
Interview  
David's Production, Inc.

07-09-09 **United Stated Health Care Reform 2009**  
Drive Time with Bill Bunkley, WTBN  
William Bunkley

07-09 **Viagra – Video Taped Interview**  
Posted on website

06-24-09 **Increased abuse of synthetic medications**  
BBC World News: World Service  
George Arney

08-18-08 **Opiate Toxicity**  
Dr. G Medical Examiner Show  
Discovery Health

10-07 **Front-line Practitioners Offer Keys To Their Success**  
Pharmacy Today  
Page 36

07-21-07 **Tampabay.com Know it now**  
An Hour of Expert Witness Time, \$4,000  
Interview with Scott Barancikn

06-01-06 **Pharmacist Current Procedural Terminology Codes and Medication Therapy Management**  
American Journal of Health-System Pharmacists  
Volume 63, Page 1008 & 1010

05-09-06 **Medicare Part D: The Facts about the May 15<sup>th</sup> Deadline for Signing up**  
Drive Time, WTBM AM 570/910, News Radio

04-12-06 **Medicare Part D: Selecting the Plan That Meets Your Needs**  
Drive Time, WTBM AM 570/910, News Radio

09-07-05 Linda Hurtado, Channel 28

07-19-05 **Medication Importation and Risk of Fatal Toxicities**  
Dr. G Medical Examiner (Jan C. Garavaglia, MD)  
Discovery Health Channel

07-13-05 **Post Partum Depression**  
Channel 13, WTBT/FOX, Kathy Fountain Show,  
Tampa, FL

05-01-05 **Distinguished Achievement Award in Clinical/Pharmacotherapeutic Practice**  
APhA – APPM awardees to be recognized APhA2005  
Annual Meeting News

01-25-05 **Jeff Fisher (WFLA-AM) Interview**  
Tampa, FL

02-24-04 **Violence In 'Passion' Necessary, Viewers Say**  
The Tampa Tribune, Metro, Philip Morgan

02-01-04 **APhA Member Goes to Bat for Pharmacy**  
Pharmacy Today, Volume 10, Number 2

12-03 **People Talk - Daniel E. Buffington, PharmD, MBA a Member of The X12 Panel**  
Computer Talk, Volume 23, Number 6, November/December 2003, Page 51

06-03 **What You Can Do: Tips for Telling Your Story**  
ASHP Action Line, Special Edition, The American Society of Health-System Pharmacists, Monthly New Bulletin, Volume 33, Number 3

01-03 **Beyond dispensing and drug therapy management: Pharmacist creates a medical specialty practice model**  
APHA Pharmacy Today, Volume 9, Number 1, January 2003, Pages 14-15, 18

01-10-02 **Experts: Safe overall, drug demands caution**  
St. Petersburg Times, Newspaper

06-20-01 **Oxycontin**  
Channel 62, WVEA-TV (Entravision), Evening News, Tampa, FL

10-06-00 **Drug Pricing**  
Channel 8, WFLA, Evening News, Tampa, FL

Summer 2000 **Innovative Pharmacology Practice Decreases Healthcare Costs**  
Health & Medical Feeling Good, Summer 2000, Page 27-28

02-09-98 **Golf Max**  
CBS Channel 10, WTSP, Evening News, Tampa, FL

01-30-98 **Cleaning Out Your Medicine Cabinet**  
Channel 8, WFLA, Evening News, Tampa, FL

10-13-97 **Nutritional Supplements: Trends in Alternatives to Prescription Medications**  
Channel 10, WTSP/ACB, Evening News, Tampa, FL

06-30-97 **Non-prescription Products for Relief of Alcohol Related Hangovers**  
Channel 10, WTSP/ACB, Evening News, Tampa, FL

06-18-97 **Caffeine Containing Soft Drinks and their Impact on Your Health**  
Channel 8 WFLA, NBC Evening News, Tampa, FL

04-28-97 **Understanding Prescription Medication Pricing**  
Channel 10, WTSP/ABC News, Tampa, FL

02-25-97 **Oral Contraceptives: Morning After Pill?**  
Channel 8, WFLA, NBC Evening News,  
Tampa, FL

01-28-97 **Breast Pill**  
Channel 10, WTSP News,  
Tampa, FL

11-28-96 **Diabetes: Understanding New Drug Therapies**  
Channel 28, WFTS/ABC, Evening News  
Tampa, FL

11-11-96 **Medications which may cause weight gain**  
Channel 8, WFLA, NBC Evening News,  
Tampa, FL

11-05-96 **Nutritional Supplements for Sports & Fitness: Helpful or Harmful**  
Channel 28, WFTS/ABC, Evening News,  
Tampa, FL

09-23-96 **HIV Treatment Update: Salk/Remune Vaccine**  
Channel 13, WTVT/FOX, Good Morning Tampa Bay,  
Tampa, FL

09-13-96 **Dr. On Call, What is Remune?**  
Channel 13,  
Tampa, FL

09-09-96 **New Experimental Vaccine Therapy for HIV**  
Channel 8, WFLA/NBC, Evening News,  
Tampa, FL

1996 **Clinical Pharmacology Services – Medication Consulting & Clinical Research**  
Feeling Good, Premiere Issue 1996, Page 39

08-29-96 **Developing New Treatments for HIV & AIDS Infection**  
Channel 8, WFLA, NBC Evening News,  
Tampa, FL

02-07-96 **Smoking Cessation: Using Injectable Medications**  
Channel 8, WFLA/NBC, Evening News,  
Tampa, FL

11-07-95 **Analgesics**  
Channel 13,  
Tampa, FL

10-10-95 **Medications in the Treatment of Obesity**  
Channel 13 WTVT, Evening News,  
Tampa, FL

09-14-95 **Non-approved use of prescription medications: Misoprostol and Methotrexate**  
Channel 13, WTVT, FOX, Evening News,  
Tampa, FL

08-24-95 **Medications in the Elderly: United States General Accounting Office 1995 Report**  
Channel 13, WTVT, FOX, Good Morning Tampa Bay,  
Tampa, FL

08-23-95 **GATT Treaty and it's Impact on Pharmaceutical Patents and Pricing**  
National Public Radio (NPR), WUSF 90 FM,  
Tampa, FL

07-27-95 **Prescription to over-the-counter antacid preparations**  
Channel 13, WTVT/FOX, Good Morning Tampa Bay,  
Tampa, FL

06-13-95 **Diet Pills and Weight Loss**  
Channel 13, WTVT/CBS, Evening News  
Tampa, FL

02-22-95 **Overmedication in The Elderly**  
Channel 8, WFLA/NBC News, Evening News,  
Tampa, FL

11-01-94 **Awards and Installation Banquet, FSHP Forerunner Award**  
The Florida Journal of Hospital Pharmacy, Volume 14 Number 5,

05-19-94 **Medical Charity Concert - Band Side FX**  
Channel 8, WFLA, NBC, Evening News,  
Tampa, FL

05-04-94 **Antibiotic Resistance**  
Channel 8, WFLA, NBC, Evening News,  
Tampa, FL

04-13-94 **Toxic Effects of Tobacco and Solvents Used in the Production of Cigarettes**  
Channel 10, WTSP, ABC, Evening News,  
Tampa, FL

02-15-94 **Health Tips: Medication Awareness and Counseling**  
Channel 8, WFLA, NBC, Evening News,  
Tampa, FL

06-30-93 **Cow's Head Pills: Asian Herbal Medications**  
Channel 13, WTVT, CBS, Morning News,  
Tampa, FL

03-25-93 **New Medical Uses for Aspirin**  
Channel 8, WFLA, NBC, Morning News  
Tampa, FL

# Exhibit 4

FITSNEWS



February 20, 2025

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Kent Law Firm  
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Manning, SC 29102

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Strom Law Firm  
6923 North Trenholm Road, Suite 200  
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RE: State of South Carolina v Zachary Elias

Dear Counsels:

I have received and reviewed the records provided to me pertaining to the case of State of South Carolina v Zachary Elias. The information incorporated into my review includes the toxicology reports prepared by the South Carolina Law Enforcement Division (SLED), specifically 01/17/25 and 02/06/25, which include the drug screen reports for the oral "mushroom products" products consumed by Zachary Elias and his blood obtained on following the incident on 12/04/24. These results were subsequently verified by the SLED forensic staff; Shana B. Sorrells and Quintus Young, II, respectively. In addition, I conducted an onsite clinical evaluation of Zachary Elias at the York County Detention Center within the Moss Justice Center in Rock Hill, SC on 12/30/24.

I have been retained to assist the court in evaluating the pharmacology and toxicology aspects of this case, specifically regarding commercially available over-the-counter medications sold to and consumed by Zachary Elias and the pharmacologic substances identified within his blood stream. Additionally, I will assist with other related technical and medical questions.

#### Background

This information was provided by interview with the client and is subject to change after a full and thorough review after discovery. Zachary Elias is a 28-year-old male with no significant past medical or criminal history. He resides in South Carolina and is employed in a high-stress, performance-driven occupation. As part of his routine, he occasionally used CBD gummies and Delta-8 THC vape pens for relaxation and sleep. On 12/02/24 (Monday) after work, he visited Budiman's Smoke Shop located in Rock Hill, SC intending to purchase his usual CBD product. He had been accustomed to taking CBD gummies as a sleep aid with no complaints of side effects or unexpected psychiatric complications. However, the store staff informed him that his preferred CBD product was out of stock and suggested an alternative. The sales representative recommended a "Magic Mushroom Chocolate" bar manufactured by Silly Farms, Inc. (<https://sillyfarms.co/>). Zachary Elias purchased one (1) "Wavy Wafer Magic Mushroom Chocolate" bar and consumed a small portion (approximately 2 squares) of the product that evening. He reported no perceived benefits or adverse side effects after consumption.



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Front



Back

Two days later, on 12/04/24, he returned to the store to check for the CBD gummies he regularly used, but they were out of stock. Once again, the sales representative recommended the "Magic Mushroom Chocolate Bar" from Silly Farm as a substitute. Zachary purchased two (2) "Wavy Wafer Magic Mushroom Chocolate Bars" and went home.

That evening, while preparing dinner for his fiancée, he consumed some of the chocolate bars. He had planned to skip dinner and have only a protein shake, as he was working out more frequently, reducing calories, and aiming to improve his fitness before an upcoming family trip to the Caribbean. While making dinner at home between 5:30 – 8:00 PM, Zachary consumed one full Magic Mushroom Chocolate Bar and part of a second. The product packaging lacked clear usage instructions or safety warnings. As he prepared dinner, he began experiencing mental status changes and became frightened, telling his fiancée that something was happening.

Shortly after, Zachary reportedly came downstairs naked and carrying weapons, left the home, and experienced severe memory lapses. His recollection of the evening is fragmented, but he remembers hallucinations and believing he was "Jesus," sent to confront "Satan" at Budiman Smoke Shop. Upon information and belief, store surveillance footage should confirm he entered and shot multiple people, including an employee and a customer, killing Emad Makram Thabet Saadalla and Celcei Neil Johnson. He then left in his vehicle and shortly after police found him crashed into a side rail on a bridge. He was then taken into custody and evaluated for his psychiatric symptoms.

## Toxicology Findings

Following his arrest, law enforcement and the South Carolina Law Enforcement Division (SLED) conducted forensic drug testing on used and unused chocolate bars found in his home and a blood sample obtained from Zachary. The results are consistent with a drug-induced psychotic reaction.

A comprehensive toxicology screening was performed on the blood sample from Zachary Elias (collected on 12/04/24 following the incident and his arrest) by the South Carolina Law Enforcement Division (SLED) Forensic Services Laboratory (see attached SLED toxicology report). The toxicology results detected tetrahydrocannabinol (THC, marijuana) and psilocin, the active metabolite of psilocybin mushrooms using GC/MS methodology. Tests for other common illicit and prescription drugs, including amphetamines, barbiturates, benzodiazepines, opioids, cocaine, methadone, fentanyl, and tramadol, returned negative results.

Toxicology Results - Blood	
Tetrahydrocannabinol (THC)	11 ng/mL
Psilocin	(Positive)
Ethanol	(Negative)

Multiple samples of the Magic Mushroom Chocolate Bar ("Wavy Wafer") manufactured by Silly Farms, LLC and sold to Zachary Elias on the date of the event were also tested by SLED for forensic drug analysis. The results confirmed that the commercially available product contained a prohibited Schedule I hallucinogen, psilocin. Delta-8 and Delta-9 THC were detected in a vape pen found in the home, consistent with his blood sample results and established use of CBD gummies for sleep.

Toxicology Results – Evidence		
Item	Description	Result
4	Chocolate bar	Psilocin (C-I)
31	Silly Farms Magic Mushroom Chocolate box with residue	No analysis performed
32	Silly Farms Magic Mushroom Chocolate box containing plastic bag containing partial chocolate bar	Psilocin (C-I)
34	Purple Vape Pen Containing Wax Substance	Delta-8-THC (THC) Delta-9-THC (THC)
36	Wavy Wafer Box Containing Two Silly Farms Magic Mushroom Chocolate boxes containing plastic bag containing chocolate bar	Psilocin (C-I)
37	Wavy Wafer Box Containing Two Silly Farms Magic Mushroom Chocolate boxes containing plastic bag containing chocolate bar	Psilocin (C-I)

The presence of psilocin in the chocolate bars confirms that the product was contaminated to include hallucinogenic compounds capable of inducing substantial altered mental states, hallucinations, and psychotic symptoms. Given that there were inadequate dosage instructions or safety warnings relevant to the undeclared illicit substance found within the product, the risk of overdose or unexpected psychoactive effects to a consumer are significantly increased.

## Analysis of the Magic Mushroom Chocolate Bar ("Wavy Wafer")

### Misrepresentation of Ingredients

The Magic Mushroom Chocolate Bar ("Wavy Wafer") produced by Silly Farms, LLC is marketed as containing *Amanita muscaria*, a mushroom species known for its active compound, muscimol. Muscimol acts as a GABA-A receptor agonist, producing sedative, hallucinogen, and dissociative effects.

*Amanita muscaria* is commonly sold as a legal psychoactive alternative to psilocybin mushrooms. The key compounds include muscimol, a GABA-A receptor agonist that induces sedation, hallucinations, dissociation, and altered cognition, and ibotenic acid, a prodrug to muscimol that extends hallucinogenic effects and causes neurotoxicity. Unlike psilocybin, muscimol functions more like a depressant than a serotonin agonist, though both are associated with producing hallucinations, paranoia, and psychosis. Despite rising concerns about safety, muscimol has not yet been classified as a federally controlled substance, though some states (e.g., Louisiana and Florida) have moved to restrict its sale.

However, forensic testing by SLED revealed that the bars actually contained psilocin, the active metabolite of psilocybin mushrooms, a Schedule I controlled substance under federal law. Additionally, Zachary's blood toxicology report confirmed the presence of psilocin, not muscimol, indicating that he unknowingly ingested a hallucinogen different from what was advertised.

#### History of Amanita Species, Muscimol, and Ibotenic Acid

Commercial mushroom product manufacturers often attempt to circumvent DEA and regulatory oversight by trying to avoid the use of psilocybin and psilocin by utilizing other species of hallucinogenic mushrooms named *Amanita muscaria* and *Amanita pantherina*. These mushroom species are known to produce two (2) other chemicals pharmacologically active, **muscimol** and **ibotenic acid**. Each of these chemicals produce psychoactive and hallucinogenic effects rivaling psilocybin and psilocin if enough are ingested. While *Psilocybe mexicana* and its constituents (i.e., psilocybin and psilocin) are classified as Schedule 1 controlled substances, *Amanita muscaria* and its constituents (i.e., muscimol and ibotenic acid) are illegal in Louisiana (2005) and are under critical review in other US states. Florida Department of Agriculture and Consumer Services halted sales of some amanita-based products. Contamination of products with heavy metals and other undisclosed substances places consumers at risk for poisoning and severe adverse reactions. An increase in the number of emergency room and poison control reports is heightening concerns for consumer safety.

Unlike psilocybin, which acts on serotonin receptors in the brain, muscimol functions as a potent GABA-A agonist and ibotenic acid functions at the glutamate receptors, specifically at the N-methyl-D-aspartate, or NDMA, and trans-ACPD receptors sites across the brain. Modulating brain function and neurotransmitter activity in these sites produces neurotoxicity, central nervous system depression, hallucinations, sedation, and altered cognition. Historically, muscimol has been used in indigenous shamanic rituals for its mind-altering effects. Ibotenic acid is also known to be a pro-drug which is ultimately converted into muscimol, which extends the duration and intensity of psychoactive effects. These substances can cause paranoid psychosis, visual and auditory hallucinations with symptoms extending for hours to days post ingestion. Chronic use or high dose exposure to ibotenic acid is associated with excessive shifts in calcium (Ca<sup>2+</sup>) resulting in enhancement of the mitochondrial electron transport system and neuronal cell death.

More recently, muscimol and ibotenic acid are being utilized in the commercial market in the United States as an unregulated psychoactive substance, often marketed under misleading labels as a sleep aids or wellness products. There is an abundance of medical literature that demonstrates the psychoactive properties of these substances, but the United States Drug Enforcement Agency (DEA) has not yet formally classified muscimol or ibotenic acid as either "temporary controlled" or "controlled" substances.

#### DEA Scheduling Process and the Status of Muscimol

The United States Drug Enforcement Administration (DEA), in coordination with the Department of Health & Human Services (HHS) and the Food & Drug Administration (FDA), classifies substances under the Controlled Substances Act (CSA) based on their potential for medical use, risk for abuse and dependence, and overall impact on public health. This classification process includes an eight-factor scientific analysis that evaluates patterns of abuse, pharmacologic effects, and the likelihood of dependence or harm (DEA, 2023). Currently, muscimol is not classified as a controlled substance at the federal level, primarily due to limited epidemiologic data on widespread abuse, its historical use as a naturally occurring compound, and the absence of structured clinical trials assessing its addiction potential. However, the DEA has the authority to impose "temporary" or

"emergency" scheduling in response to emerging public health threats, as demonstrated by its rapid regulation of synthetic cannabinoids and designer opioids. The increasing number of muscimol-related intoxications and severe psychiatric reactions, including paranoia, hallucinations, and psychosis, has led to heightened scrutiny from medical professionals, law enforcement agencies, and regulatory bodies.

#### Regulatory Concerns and Consumer Safety Risks

Manufacturers of psychoactive mushroom products have developed various strategies to circumvent DEA oversight and regulatory scrutiny. One common tactic is rebranding these substances as "nutritional" or "wellness" products, avoiding direct classification as psychoactive hallucinogens. Many companies attempt to portray the utility of these products as dietary supplements, sleep aids, nootropic "brain boosters," or microdosing kits, allowing them to appeal to consumers seeking legal psychedelics while avoiding federal drug classifications. Additionally, manufacturers employ packaging and marketing techniques designed to minimize perceived risk. Amanita-based products are often packaged similarly to candy, snacks, and energy supplements, featuring bright, playful branding that may appeal to younger consumers. Unlike regulated tobacco, cannabis, prescription medications, dietary supplements, or over-the-counter pharmaceutical products, these items frequently lack standardized dosing information or clear safety warnings, leaving consumers unaware of potential risks.

Nutritional Products
<ul style="list-style-type: none"><li>• Mushrooms (i.e., whole or dehydrated)</li><li>• Oils</li><li>• Syrups</li><li>• Powders</li><li>• Seasonings</li></ul>
Commercial Recreational Edible Products
<ul style="list-style-type: none"><li>• Candy</li><li>• Gummies</li><li>• Wafers</li><li>• Chips</li><li>• Chocolate bars</li><li>• Vape pen solutions</li><li>• Beverages (i.e., coffee, tea, fermented liquids, probiotics)</li><li>• Medicinal Supplement (i.e., capsules, tablets, tinctures, and sublingual solutions)</li></ul>

Another method involves substituting and mixing psychoactive compounds to enhance effects while evading detection. While many products claim to contain only muscimol, forensic analysis has revealed undisclosed substances, including psilocin and other hallucinogens. Certain forms, such as vape solutions, gummies, and infused beverages, deliver concentrated doses, heightening toxicity risks. Manufacturers also exploit state and international loopholes by distributing products online and through retail outlets in regions where muscimol is not explicitly regulated. Since it remains unclassified at the federal level, it is legally sold in many states, while some products are imported from countries with minimal oversight, making enforcement and consumer protection more difficult.

The lack of standardized consumer safety measures further exacerbates the risk associated with these products. Without clear dosing recommendations, users are susceptible to overdose and prolonged intoxication. Additionally, inconsistent labeling prevents consumers from accurately assessing product potency, and no mandated safety testing for contaminants has led to findings of heavy metals and undisclosed psychoactive drugs in laboratory analyses. The delayed onset and prolonged duration of effects also increase the likelihood of unexpected psychiatric crises. A recent study published by University of Virginia researchers (Avery Michienzi et al.) in the CDC's Morbidity and Mortality Weekly Report (MMWR, July 2024) revealed that many Amanita-based products contained psilocin, caffeine, and kratom, despite advertising only muscimol.

In addition to the psychoactive effects, ingesting products derived from *Amanita muscaria* mushroom species have been associated with poisoning and fatality. Ethan Meisel, et al., published case studies of individuals who died from complications

after ingesting muscimol and ibotenic acid (Wilderness and Environmental Medicine, 2002). These findings underscore a severe lack of transparency and regulation in the industry, highlighting the urgent need for stricter oversight and consumer protections.

## Conclusion

This case involves a breach in proper safety protections (i.e., warnings, labeling, and guidance) and the distribution of an illegal psychoactive controlled substance (i.e., Schedule I - psilocin) without disclosure to the consumer. It is critical to properly convey the risks of ingestion of products derived from *Amanita muscaria* (i.e., muscimol or ibotenic acid) concerning the potential for psychiatric complications. The product label for Wavy Wafer from Silly Farms, LLC fails to provide a consumer with adequate understanding to manage dosing. The only consumer warnings available on the packaging state:

- 1) Consume slowly in a safe environment
- 2) Do not operate any motor vehicle while using this product
- 3) Keep away from children and pets

There are numerous factors that establish this case a classic example of an involuntary intoxication or unintentional insanity produced by a drug-induced psychosis. A detailed review of the facts in this case reveal that Zachary Elias had no past medical, psychiatric, or substance use disorder history. In addition, he had no criminal history or concerns with anger or behavior management, quite the contrary to be accurate. Zachary had experience with CBD gummies as a sleep aid but was misled by the staff at Budiman's Smoke Shop that the use of an Amanita-based (muscimol) product would be interchangeable as to pharmacology, therapeutic effect, and adverse side effect profile. The store employees did not have the necessary credentials or expertise to advise or make such recommendations. In addition, neither the sales representative, the product packaging, nor the Silly Farms website provided sufficient consumer guidance as to proper dosing guidelines or the risk for severe psychiatric side effects. The risk to consumers is further amplified by the manufacturing and distribution of the Wavy Wafer Mushroom Chocolate Bar that contained the undisclosed Schedule I hallucinogen psilocin.

Additionally, the Silly Farms, LLC website provides consumers with a PDF copy of a quality assurance report, performed by Interstellar Labs (shown below) which states that psilocin, psilocybin, and ibotenic acid were “not detected” and not components of their commercially available product. Based on confirmatory forensic testing completed by SLED, this is inaccurate, misleading, and dangerous to consumers.

Based on my education, training, and professional experience, it is my professional opinion that on the evening of December 4, 2024, that Zachary Elias experienced an unintended acute hallucinogenic mushroom-induced (i.e., psilocin) psychosis. The symptoms he exhibited, including delusional thinking, hallucinations, significant behavioral alterations, and impaired memory are consistent with the medical literature surrounding psilocin neurotoxicity. The deaths of the two individuals in this case are tragic. In addition, Zachary Elias was also an unintended victim of the fraudulent and criminal manufacturing, marketing, and sale of Wavy Wafer Chocolate bars (produced by Silly Farms, LLC and sold by Budiman's Smoke Shop). Zachary Elias was unaware of the risks associated with the product that was recommended and sold to him by these vendors due to inadequate packaging (i.e., insufficient safety warnings or instructions for use) and contamination (i.e., inadequate manufacturing processes, lack of quality control testing, and undisclosed Schedule I psychoactive substance "psilocin").

Given the increasing prevalence of products marketed as being derived from *Amanita muscaria* (muscimol and ibotenic acid), but actually containing psilocybin and psilocin heightens concerns over the inadequacies of manufacturing processes and quality control across the industry. In addition, there is a need for consumer education and enhanced product labeling to properly warn of the potential for severe psychiatric adverse side effects of each of these known psychoactive substances (i.e., muscimol, ibotenic acid, psilocin, and psilocybin).

The case of Zachary Elias exemplifies the fraudulent distribution of a Schedule I substance (psilocin), leading to unintended drug-induced psychosis and two fatalities. The Magic Mushroom Chocolate Bar, manufactured by Silly Farms and sold by Budiman's Smoke Shop, unlawfully contained psilocin, violating both federal controlled substance laws and its own labeling. Failures in customer education, product warnings, and the undisclosed presence of psilocin directly contributed to this incident. Psilocybin and psilocin are explicitly illegal in South Carolina. The sale of this product within the state was therefore unlawful, constituting a clear violation of both federal and state drug laws. Simply stated, had it not been for the illegal distribution and unintended consumption of the Wavy Wafer Mushroom Chocolate Bar, the tragic outcomes of this case would not have occurred.

Sincerely,



Dr. Daniel E. Buffington  
Clinical Pharmacology & Toxicology

Attachments:

- 1) Curriculum Vitae – Dr. Daniel Buffington
- 2) SLED Toxicology Reports (01/17/25 Evidence Samples and 02/06/25 – Serum Drug Screen)