

## CURRICULUM VITAE

**RANDOLPH E. REGAL**

### **PERSONAL DATA**

Work Address: University of Michigan Hospitals and Health Center  
Department of Pharmacy Services  
Victor Vaughn Building Room 327  
Clinical Pharmacy-Third Floor  
1111 E. Catherine Street  
Ann Arbor, Mi 48109-2054

Work Phone: (734) 647-4717

E-Mail: reregal@med.umich.edu

### **EMPLOYMENT EXPERIENCE**

August 1997- present                      Clinical Pharmacist  
Clinical Instructor 08/1997  
Clinical Assistant Professor 09/2002  
Clinical Associate Professor 09/2010  
Adult Internal Medicine/Gastroenterology  
University of Michigan  
College of Pharmacy, Ann Arbor, MI

January 1989 – August 1997              Manager / Coordinator of Clinical Pharmacy Services  
Heritage Hospital, Taylor, MI

October 1986 - January 1989              Clinical Staff Pharmacist  
Clinical Pharmacy Coordinator  
Hillsdale Community  
Health Center, Hillsdale, MI

March 1986 - October 1986                Community Pharmacist  
Arbor Drugs, Inc.

June 1984 - February 1986                Clinical Research Pharmacist  
Clinical Pharmaceutical Operations  
Warner-Lambert / Parke- Davis  
Ann Arbor, MI

April 1988-present                         Long Term Care Consultant Pharmacist (parttime)  
Independent Contractor

**POST-SECONDARY EDUCATION**

September 1982 - April 1984	Doctor of Pharmacy University of Michigan College of Pharmacy Ann Arbor, MI
September 1977 - April 1983	Bachelor of Science in Pharmacy University of Michigan College of Pharmacy Ann Arbor, MI
September 1974 - December 1975	Applied Music Major (Trumpet Performance) Boston Conservatory of Music Boston, MA

**LICENSURE**

March 1984 - present	State of Michigan No. 5302025620
February 1997 - 2006 (not renewed after 2006)	State of California No. RPH 49362

**AWARDS AND HONORS (only listed if winner or finalist)**

June 2020	“Residency Preceptor of the Year” University of Michigan Health System
July 2019	“Faculty Preceptor of the Year” University of Michigan College of Pharmacy
March 2011	Finalist Nominee “Teaching Excellence” Award University of Michigan College of Pharmacy
June 2000	“Preceptor of the Year” University of Michigan College of Pharmacy

March 2000	Finalist Nominee “Teaching Excellence” Award University of Michigan College of Pharmacy
May 1999	Commitment to Excellence Quality Improvement Task Force Antibiotic Restriction Program
July 1999	Strathmore’s Who’s Who of Health Care Professionals, 1999-2000 For Leadership and Achievement in LTC Pharmacy Consulting Services
July 1997	Level III “BRAVO” Award Oakwood Hospitals
July 1994	Heritage Hospital Employee of the Month
March 1984	Lilly Achievement Award University of Michigan College of Pharmacy
March 1983	Upjohn Achievement Award (Valedictorian Award) University of Michigan College of Pharmacy
March 1982	Rho Chi Achievement Award University of Michigan College of Pharmacy
September 1980	Pharmacy Merit Scholarship University of Michigan College of Pharmacy
March 1980	Rho Chi Achievement Award University of Michigan College of Pharmacy

**PROFESSIONAL ORGANIZATION AFFILIATIONS/MEMBERSHIPS**

June 2006-present	Drug-induced Liver Injury Network
May 2003-present	American College of Clinical Pharmacy

June 2004-June 2007	Society of Infectious Disease Pharmacists
December 2002 – December 2003	Michigan Pharmacist Association
June 1991 - July 1998	American Society of Consultant Pharmacists
July 1985 - July 1986	American Pharmaceutical Association
August 1984 - August 1988	American Society of Hospital Pharmacists
January 1983 - January 1984	President of Rho Chi Pharmacy Honors Fraternity, Alpha Chapter
March 1982	Rho Chi Pharmacy Honors Fraternity, Alpha Chapter
March 1982	Phi Lambda Upsilon Honorary Fraternity, Delta Chapter

**MAJOR COMMITTEE WORK AT THE UNIVERSITY OF MICHIGAN**

March, 2021-July, 2021	Chairperson: MiChart Clinical Skills Training for Students
August, 2020-March, 2021	Anticoagulation Workgroup
May, 2019-May, 2020	Clinical Faculty Promotion Guidelines Ad hoc
September, 2018-present	Michigan Medicine Drug Use Evaluation Committee
October, 2016-October, 2018	Chairman: PPI Workgroup University Hospital
September, 2016-present	Experiential Training (ET) Committee Member
September, 2013-May, 2019	Pharm. D. Investigations Committee
September, 2011-2016	Clinical Skills Committee
March, 2011-present	Preceptor of Year Selection Ad hoc Committee Chairman: 2012 and 2013, 2018, 2019, 2020, 2021
October 2010-May 2012	Anticoagulation Workgroup
September 2005-September, 2013	Experiential Training (ET) Committee Member
September 2008-2009	Chairperson: “APIR” Advanced Practice Inpatient Rotation Syllabus Workgroup ET Subcommittee
October 2005 -2006	Chairperson: “Gradebusters” ET Subcommittee
June 2005-June 2008	Pharmacy Intervention Team: Medication Reconciliation
September 2001-2004	Clinical Research and Resource Committee
September 1997-2006	Infection Control Committee
September 1997-September, 2002	Antimicrobial Subcommittee

**PUBLICATIONS-Peer Reviewed Papers**

Berinstein JA, Sheehan L, Dias M, Berinstein EM, Steiner CA, Johnson LA, **Regal RE**, Allen JI, Stidham RW, Bishu S, Kinnucan JAR, Cohen-Mekelburg SA, Waljee AK, Higgins PDR.

Tofacitinib for hospitalized patients with severe acute ulcerative colitis: a retrospective case control series. *Clinical Gastroenterology and Hepatology*. Accepted for publication May, 2021,

Tran N, Mills JP, Zimmerman C, Gandhi TN, Tribble AC, Petty LA, Nagel J, Brancaccio A, Scappaticci G, Patel T, Dillman N, Regal R, Klein KC, Washer L, Marshall V, Sweeney J, Roa K, Eschenauer GA. Incorporating preauthorization into antimicrobial stewardship pharmacist workflow reduces *C. difficile* and gastrointestinal panel testing. *Infection Control & Hospital Epidemiology*. 2020 Oct;41(10):1136-1141. doi: 10.1017/ice.2020.236. Epub 2020 Jun 3.

Franz ND, Brancaccio A, Robinson A, Regal RE. Cirrhosis, thrombosis, find faXts about doses: dosing of unfractionated heparin for venous thromboembolism in cirrhosis. *Annals of Pharmacotherapy*. 2019: Nov 25:1060028019890028. doi: 10.1177/1060028019890028. [Epub ahead of print

Berinstein JA, Steiner CA, Regal RE, Allen JA, Kinnucan JAR, Stidham RW, Waljee AK, Bishu S, Aldrich LB, Higgins PDR. Efficacy of induction therapy with high-intensity tofacitinib in 4 patients with acute severe ulcerative colitis. *Clinical Gastroenterology and Hepatology*.2019;17: 988-990.

Aldrich SA, Regal RE. Routine use of vitamin k in the treatment of cirrhosis-related coagulopathy: is it a-o-k? maybe not, we say. *Pharmacy and Therapeutics*. 2019: 44: 131-136.

Regal RE, Ren SP, Paige G, Alaniz C. Evaluation of vancomycin dosing in patients with cirrhosis: beginning de-liver-ations about a new nomogram. *Hospital Pharmacy*. 2018; 54:125-129.

Shaikh SA, Regal RE. Dosing of enoxaparin in renal impairment. *Pharmacy and Therapeutics*. 2017; 42: 245-249.

Scappaticci GB, Regal RE. Cockcroft-Gault revisited: New de-liver-ance on recommendations for use in cirrhosis. *World J Hepatol*. 2017; 9:131-138.

Ha, NB, Regal RE. Anticoagulation in patients with cirrhosis: caught between a rock liver and a hard place. *Annals of Pharmacotherapy*. 2016;50:402-409.

Allsbrook M, Fries BE , Szafara K, Regal RE. Do SSRI antidepressants increase the risk of extrapyradimal side effects in patients taking antipsychotics? *Pharmacy and Therapeutics*. 2016; 41: 115-119.

Smith MA, Regal RE, Mohammed RA. Daclatasvir: A NSSA replication complex inhibitor for hepatitis C infection. *Annals of Pharmacotherapy*.2016; 50; 39-46.

Zuo S, Fries BE, Szafara K, Regal RE. Valproic acid as a potentiator of metabolic syndrome in institutionalized residents on concomitant antipsychotics: fat chance, or slim to none? *Pharmacy and Therapeutics*. 2015;40:126-132.

Hartranft ME, Regal RE. A story with one happy ending: “triple phase” budesonide capsules for the treatment of olmesartan-induced enteropathy. *Annals of Pharmacotherapy*. 2014;48:1234-1237.

Mohammad RA, Regal RE, Alaniz C. Combination therapy for the treatment and prevention of hepatic encephalopathy. *Annals of Pharmacotherapy*. 2012; 46:1559-1563.

Fohl, AL, Regal RE. Proton-pump inhibitor associated pneumonia: Not a breath of fresh air, after all? *World Journal of Gastrointestinal Pharmacology and Therapeutics*. 2011; 2: 17-26.

Khanderia U, Regal RE, Rubenfire M, Boyden T. The ezetimibe controversy: implications for clinical practice. *Therapeutic Advances in Cardiovascular Disease*. 2011;5:199-208.

Regal RE, Osta AD, Parekh VI. Interventions to curb the overuse of acid-suppressive medications on an inpatient general medicine service. *Pharmacy and Therapeutics* 2010; 35: 86-90.

Walker PC, Bernstein SJ, Tucker-Jones J, Piersma J, Kim HW, Regal RE, Kuhn L, Flanders SA. Impact of a Pharmacist-Facilitated Hospital Discharge Program: A quasi-experimental study. *Archives of Internal Medicine*. 2009; 169:2003-10.

Alaniz CA, Regal RE. Spontaneous bacterial peritonitis: A review of treatment options. *Pharmacy and Therapeutics*. 2009; 34:204-210.

Reaume KT, Regal RE, Dorsch MP. Indications for dual antiplatelet therapy with aspirin and clopidogrel: Evidence based recommendations for use. *Annals of Pharmacotherapy*. 2008;42:550-557.

Hollis IB, Regal RE. Calcium and vitamin D in the prevention and treatment of osteoporosis: Shedding some light on new developments. *Pharmacy and Therapeutics*. 2007;32:502-516.

Pham CQD, Regal RE, Bostwick TR, Knauf KS. Acid suppressive use on an inpatient internal medicine service. *Annals of Pharmacotherapy*. 2006;40:1261-1266.

Regal RE, Pham CQD, Bostwick TR. Urinary tract infections in extended care facilities: Preventative management strategies. *The Consultant Pharmacist*. 2006;21:393-402.

Pham CQD, Sadowski-Hayes LM, Regal RE. Prevalent prescribing of proton pump inhibitors: Prudent or pernicious? *Pharmacy and Therapeutics*. 2006;31:159-167.

Walker PC, Alrawi A, Mitchell JF, Regal RE, Khanderia, U. Medication use as a risk factor for falls among hospitalized elderly patients. *American Journal of Health System Pharmacists*. 2005;62:2495-2499.

Regal RE, Vue CO. Drug interactions between antibiotics and select maintenance medications: Seeing more clearly through the narrow therapeutic window of opportunity. *The Consultant Pharmacist*. 2004;19:1107-1117.

Regal RE, Tsui V. Optimal understanding of warfarin: Beyond the nomogram. *Pharmacy and Therapeutics*. 2004;29:2-6.

Prescott WA, DePestel DD, Ellis JJ, Regal RE. Incidence of carbapenem-associated allergic-type reactions among patients with versus patients without a reported penicillin allergy. *Clinical Infectious Diseases*. 2004;38:1102-1107.

Regal RE, Davis SL. Testing the mettle of iron prescribing: Optimization of oral iron therapy. *Pharmacy and Therapeutics*. 2003;28:471-473.

Prescott WA, Regal RE. Pressure ulcers: What to think when giving zinc? *Pharmacy and Therapeutics*. 2003;28:473-474.

Regal RE, DePestel DD, VandenBussche HL. The effect of an antimicrobial restriction program on *Pseudomonas aeruginosa* resistance to  $\beta$ -lactams in a large teaching hospital. *Pharmacotherapy*. 2003;23:600-606.

Regal RE, Bili JE, Glazer HM. Phenothiazine-induced cholestatic jaundice. *Clinical Pharmacy*. 1987;6:787-794.

### **PUBLICATIONS-Book Chapters**

Mohammad RA, Regal RE. Viral Hepatitis C: Guidelines for Optimal Care De-LIVER-y. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 10th edition. New York, McGraw-Hill, 2017. Pending Publication.

Regal RE, Dimcheff D. Chapter on Internal Medicine Medications. In: Gurm HS, Konerman MC, eds. *Essential Pharmacology for Inpatient Care*. 1<sup>st</sup> edition. Gourock House International 2015.

Mohammad RA, Regal RE. Viral Hepatitis C: Guidelines for Optimal Care De-LIVER-y. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 9th edition. New York, McGraw-Hill, 2014.

Regal RE. Viral Hepatitis C: Guidelines for Optimal Care De-LIVER-y. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 8th edition. New York, McGraw-Hill., 2011..

Khanderia U, Regal RE. Cardiovascular disease and erectile dysfunction. The evolving role of phosphodiesterase 5 inhibitors. In: Heart Disease in Men. Nova Science Publishers, Inc. Hauppauge, New York, 2009.

Regal RE. . Viral Hepatitis C: Guidelines for Optimal Care De-LIVER-y. In: Schwinghammer TL, Koehler JM, eds. Pharmacotherapy Casebook: A Patient-Focused Approach. 7th edition. New York, McGraw-Hill, 2008.

### **PUBLICATIONS-Non-Peer Reviewed Papers**

Regal RE. A capsule about cranberries: Can they stick for UTI prevention? *Drug Store News*. 2007;1:29-34.

### **PUBLICATIONS-Letters to the Editor**

Regal RE, Aldrich SM. Reply: Vitamin K May be OK, in Kids and Cholestatic Patients. *Pharmacy and Therapeutics*. 2019; 44(6): 318-319.

Eschenauer GA, DePestel DD, Regal RE. Re: Antibiotic allergy (Carbapenem cross-allergenicity with penicillin allergic patients). *New England Journal of Medicine*. 2006;354:2293-2294.

Regal RE, Vue CO. Drug interactions between antibiotics and select maintenance medications: Seeing more clearly through the narrow therapeutic window of opportunity. *The Consultant Pharmacist*. 2005;20:176.

Eschenauer GA, Collins CD, Regal RE. Azithromycin-warfarin interaction: Are we fishing with a red herring? *Pharmacotherapy*. 2005;25:630-631.

Domagala B, Leung S, Regal RE. Possible drug interactions among quinolones. *American Family Physician*. 2004;69:489.

Regal RE. Interaction revisited: aspirin and the uricosurics. *Drug Intelligence and Clinical Pharmacy*. 1987;21:219-220.

Regal RE. Acetaminophen chronic toxicity. *Drug Intelligence and Clinical Pharmacy*. 1986;20:506.

Regal RE. Comment: Lidocaine seizures. *Drug Intelligence and Clinical Pharmacy*. 1985;19:681-2.

### **GRANTS**

“The effect of an antibiotic restriction program on *Pseudomonas aeruginosa* resistance to beta-lactams in a large teaching hospital.” H.L. VandenBussche, Pharm.D. and D.D. DePestel,



Pharm.D., co-investigators. Completed and published paper. \$6,000 Unrestricted Educational Grant Awarded April, 2001 from Wyeth-Ayerst Pharmaceuticals.

### **ABSTRACTS**

#### **See Clinical Research Projects: Pharm. D Investigations (all PDI Projects include posters beginning circa 2013)**

Leung J, Shen K, Harrison M, Alaniz C, Regal R. Impact of obesity on change in serum albumin concentrations after albumin infusion in patients with spontaneous bacterial peritonitis (SBP). American Society of Hospital Pharmacists Clinical Midyear Meeting. December 2012 Las Vegas, Poster #2-190.

Pham CQD, Regal RE, Bostwick TR, Knauf KS. Overuse of acid suppressive agents on an inpatient internal medicine service. Canadian Pharmacist Association. July 2006.

Walker PC, Al-Rawi A, Mitchell J, Regal RE, Khanderia U. Medication use as a risk factor for falls among hospitalized elderly patients. American Society of Hospital Pharmacists Clinical Midyear Meeting. December 2004.

Collins CD, DePestel DD, Regal RE. Impact of an antimicrobial management program on antimicrobial expenditures over a seven year period in a tertiary care medical center. Infectious Disease Society of America Meeting. September 2004.

Regal RE, DePestel DD, VandenBussche HL. “The effects of an antibiotic restriction program on *Pseudomonas aeruginosa* resistance to beta-lactams in a large teaching hospital.” (Abstract #84). Pharmacotherapy 2003;23(3):403.

Prescott WA, DePestel DD, Regal RE. “The incidence of carbapenem-associated hypersensitivity reactions among penicillin allergic patients versus patients without a penicillin allergy.” American Society of Hospital Pharmacists Clinical Midyear Meeting. Atlanta, GA. December 2002.

Regal, RE, VandenBussche HL, Chenoweth C, Kazanjian P. “Antimicrobial management program.” University of Michigan Quality Improvement Forums, Ann Arbor, MI. October 1998 and October 1999.

VandenBussche HL, Regal RE. “The clinical and economic impact of a pharmacist-managed antibiotic restriction program at a university hospital.” (Abstract #237). Pharmacotherapy 1999;19(4):516. Presented at the International Congress of Clinical Pharmacy. April 1999.

### **POSTER PRESENTATIONS FOR ACCP**

Osta AD, Parekh V, Regal RE. Educational interventions to curb the inappropriate use of acid-suppressive agents on a University Hospital Internal Medicine Service-and a PPI Poem. Spring Practice and Research Forum of the American College of Clinical Pharmacy. Orlando, FL. April 2009.

Regal RE, DePestel DD, VandenBussche HL. The effects of an antibiotic restriction program on *Pseudomonas aeruginosa* resistance to beta-lactams: Reversing history with a “cephalosparing” policy?” Spring Practice and Research Forum of the American College of Clinical Pharmacy. Palm Springs, CA. April 2003.

## **TEACHING**

### **University of Michigan College of Pharmacy**

Experiential Advanced Practice Training-Adult Infectious Disease 09/1997-05/2001

Experiential Advanced Practice Training (APPE)-Adult Internal Medicine/Medicine GI  
06/2001-present

Average about 6 (was 8-10 prior to 2017) P-4 or remedial P-4 students per year

Experiential Intermediate Practice Training (IPPE)-Adult Internal Medicine 09/2007-09/2015

One P-3 student per year

P-432 Therapeutics: Lecturer-Hepatology Unit contains five 1 ½ hour lectures 02/2007-04/2011.

Lecture I: Liver Physiology/Overview of Liver Disease

Lecture II: Cirrhotic Complications, Portal Hypertension, Esophageal Varices and Bleeding

Lecture III: Hepatic Encephalopathy, Ascites, Spontaneous Bacterial Peritonitis, Hepato-renal Syndrome

Lecture IV: Viral Hepatitis

Lecture V: Drug-Induced Liver Injury

P-532 Therapeutics: Lecturer-Hepatology Unit contained 5-7 sessions plus 1-2 labs with Team-Based Learning 02/2012-04/2014

Section I: Liver Physiology/Overview of Liver Disease

Section II: Cirrhotic Complications, Portal Hypertension, Esophageal Varices and Bleeding

Section III: Hepatic Encephalopathy, Ascites, Spontaneous Bacterial Peritonitis,  
Hepato-renal Syndrome

Section V: Drug-Induced Liver Injury

Section VI: Viral Hepatitis 2012 only

Section VIO: Inflammatory Bowel Disease and Irritable Bowel Syndrome 2012 and 2013

P-712 Therapeutics Lecturer-Hepatology Unit contains four sessions plus two labs with Team-Based Learning 02/2016-present

Section I: Liver Physiology/Overview of Liver Disease

Section II: Cirrhotic Complications, Portal Hypertension, Esophageal Varices and Bleeding

Section III: Hepatic Encephalopathy, Ascites, Spontaneous Bacterial Peritonitis,  
Hepato-renal Syndrome

Section IV: Drug-Induced Liver Injury

P-514 (formerly P-416 starting) Pharmaceutical Care: Course Co-Coordinator  
09/2007 to 09/2013.

P-514 Course Coordinator  
09/2014 to 05/2016

P-757 The Aging Patient  
Course Coordinator 05/2017 to present  
Teaching 09/2015 to present

Lectures: Introduction to Aging  
Extended Care Facility Consulting for Pharmacists:  
“Thoughts Worth Sharing on Long Term Caring”  
PKIN and PDYN in the Elderly  
Dementia in the Elderly  
Polypharmacy in the Elderly

P-614 Research Methods-Section Lead (14-16 students)  
09/2017 to present

Annual P-4 Boot Camp  
05/2016 to present  
Patient Assessment  
Journal Club

### **Non-University of Michigan Course Teaching**

Three one-hour lectures for Madonna University graduate nursing students course NUR 5350.  
Livonia, MI, June 2002 through June 2008:

“The Clinical Use of Antianxiety Agents”  
“The Clinical Use of Antidepressant Agents”  
“The Clinical Use of Antipsychotic Agents”

Three one-hour lectures for Madonna University graduate nursing students course NUR 5350.  
Livonia, MI, June 2007 through June 2008:

“Peptic Ulcer Disease”  
“GERD”  
“Constipation, Nausea, and Diarrhea”

### **NEWSLETTERS/JOURNALS/BOOKS – REVIEWING, WRITING AND EDITING**

November 2009 to present:

Member of Editorial Board. *World Journal of Gastrointestinal Pharmacology and Therapeutics*. Beijing, China. <http://www.wjgnet.com>

November 2018

Editor: *Gahart and Nazareno: 2020 Intravenous Medications, 36<sup>th</sup> edition*. Elsevier Publishing.

November 2017

Editor: *Gahart and Nazareno: 2019 Intravenous Medications, 35<sup>th</sup> edition*. Elsevier Publishing.

March/April 2017

Editor: *Nursing Key Topics: Pharmacology 2018*. Elsevier Publishing

October-November, 2016

Editor/dose verifier: *Pharmacology: A Patient-centered Nursing Process Approach* 9th edition. Elsevier Publishing.

June-September, 2016

Editor/monograph reviewer: *Saunders Nursing Drug Handbook 2018* by Robert Kizior and Barbara Hodgson. Elsevier Publishing.

September/October , 2015

Editor/monograph reviewer: *Gahart and Nazareno: 2017 Intravenous Medications, 33rd edition*. Reviewed 30 monographs. Elsevier Publishing.

December, 2015

Pharmacotherapy manuscript on treatments of IBS-C and chronic constipation

September/October , 2014

Editor/monograph reviewer: *Gahart and Nazareno: 2016 Intravenous Medications, 32nd<sup>h</sup> edition*. Reviewed 29 monographs. Elsevier Publishing.

July through September, 2014

Editor/monograph reviewer: *2015 Saunders Nursing Drug Handbook*. Reviewed entire book. Elsevier Publishing.

September, 2013

Editor/monograph reviewer: *Gahart and Nazareno: 2015 Intravenous Medications, 31st<sup>h</sup> edition*. Reviewed 29 monographs. Elsevier Publishing.

September-December, 2012

Editor: PSAP-VIII Book 2 (Special Populations) “Reimbursement and New Models of Pharmacy Practice” Hildegard J. Berdine, author.

October, 2012

Editor/monograph reviewer: *Gahart and Nazareno: 2014 Intravenous Medications, 30<sup>th</sup> edition*. Reviewed 20 monographs. Elsevier Publishing.

September, 2012

Editor/monograph reviewer: *Mosby's 2014 Nursing Drug Reference, 27<sup>th</sup> edition*.  
Reviewed 17 monographs. Elsevier Publishing.

March, 2012

Editor/chapter reviewer: *Chapleau: The Paramedic, 2<sup>nd</sup> Edition*. Reviewed Chapters 34 (Gastroenterology) and 44 (Geriatrics). McGraw-Hill Publishing.

August, 2011

Editor/monograph reviewer: *Mosby's 2013 Nursing Drug Reference, 26<sup>th</sup> edition*.  
Reviewed 30 monographs. Elsevier Publishing.

September 2011

Editor/monograph reviewer: *Gahart and Nazareno: 2013 Intravenous Medications, 29<sup>th</sup> edition*. Reviewed 19 monographs on newly approved medications. Elsevier Publishing.

July 2010

Editor/monograph reviewer: *Mosby's 2012 Nursing Drug Reference, 25<sup>th</sup> edition*.  
Reviewed 20 monographs. Elsevier Publishing.

March- September 2010

Editor/manuscript reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines, 2011 edition*. Several Chapters: CHF, HTN, Stroke, C. difficile, PUD, GERD.

October 2009

*Archives of Internal Medicine*: Manuscript review on retrospective PPI utilization study.

September 2009

Editor/monograph reviewer: *Gahart and Nazareno: 2010 Intravenous Medications, 26<sup>th</sup> edition*. Reviewed 8 monographs on newly approved medications. Elsevier Publishing.

August 2009

Editor/monograph reviewer: *Mosby's 2011 Nursing Drug Reference, 24<sup>th</sup> edition*.  
Reviewed 27 monographs. Elsevier Publishing.

July 2009

Editor/Chapter Review: Pharmacology, Persing Respiratory Therapist Certification.  
Exam Preparatory/Review Module, Elsevier Publishing.

June 2009

Editor/Chapter Review: Pharmacology, Sill's Respiratory Therapist Certification.  
Exam Preparatory/Review Module, Elsevier Publishing.

January 2009

Editor/monograph reviewer: *Gahart and Nazareno: Intravenous Drugs, 2010, 26<sup>th</sup> edition*. Reviewed 47 monographs.

December 2008

Editor/manuscript reviewer: *Pharmacotherapy Principles and Practice, 2<sup>nd</sup> edition.*  
Chapter: Viral Hepatitis.

November 2008

Editor/manuscript reviewer: *Fundamentals of Geriatric Pharmacotherapy: An Evidence-based Approach.*  
Chapter: Gastrointestinal Disorders and Nutrition.

August-September 2008

Editor/monograph reviewer, *Mosby's Nursing Pharmacology Monographs, 2010.*  
Multiple sections.

March- September 2008

Editor/manuscript reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines, 2009 edition.* Several Chapters: CHF, HTN, Stroke, C. difficile, PUD, GERD.

July 2008

Reviewer: Pharmacy and Therapeutics.

November 2007

Reviewer: *Gahart: Intravenous Drugs, 2008, 24<sup>th</sup> edition.*  
Reviewed for additions and deletions from Elsevier Publishing.

July 2007

Reviewer: Lilley/Harrington/Snyder. *Pharmacology and the Nursing Process, Ed 6.*  
Chapters on Psychoactives and Analgesics.

June 2007

Reviewer: Indian Journal of Urology. The case for probiotics in urology.

**March-April 2007**

Guest Editorial Advisor for MacDougall, C. Fluoroquinolone Update. The Rx Consultant. Volume XVI Number 5. CE Approved.

February-March 2007

Grant Application Reviewer. "The effects and costs of cranberry use to prevent clinical urinary tract infections in nursing home residents." Health Care Efficiency Research Programme (The Netherlands).

November-January 2007

Regal RE. Viral hepatitis C. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 7th edition New York McGraw-Hill, 2008. (In preparation).

August-September 2006

Editor/Monograph reviewer, *Mosby's Nursing Pharmacology Monographs*, 2007.  
Multiple sections.

March-September 2006

Editor/Monograph reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines*, 2007  
edition.

August-September 2005

Editor/Monograph reviewer, *Mosby's Nursing Pharmacology Monographs*, 2006.  
Multiple sections.

March-September 2005

Editor/Monograph reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines*, 2006  
edition.

April 2005

Editor/Monograph reviewer, *Pharmacology and the Nursing Process, 5<sup>th</sup> Edition*. Part  
Six: Drugs Affecting the Respiratory System.

March-September 2004

Editor/Monograph reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines*, 2005  
edition.

August-September 2004

Editor/Monograph reviewer, *Mosby's Nursing Pharmacology Monographs*, 2005.  
Antiplatelet Medications.

March- September 2003

Editor/Monograph reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines*, 2004  
edition.

January 2003

Editor, Chapter 2: Lilley, et al. Pharmacologic Principles in *Pharmacology and the  
Nursing Process*, 4th edition.

January-February 2003

Editor/Monograph reviewer. *The University of Michigan Hospitals and Health Centers  
Guidelines for Antimicrobial Use*. 2003 edition. Kazanjian, P., M.D. et al.  
Antimicrobial Subcommittee.

March- September 2002

Editor/Monograph reviewer, *Omnicare Geriatric Pharmaceutical Care Guidelines*, 2003  
edition.

1991-1997

Co-editor of bi-monthly pharmacy newsletter at Heritage Hospital, "*For Your InPharmation.*"

1987-1989

Editor of quarterly pharmacy newsletter at Hillsdale Community Health Center. "*Pharmacy to Physicians*"

### **CLINICAL RESEARCH PROJECTS: PHARM.D INVESTIGATIONS**

"Effect of PPIs on Risk of Covid-19 Infection: Do PPI's Mean You Have Covid-19?" with Mike Maleszyk and Kung Goenka, Pharm. D. Candidates, 2022.

"Use of Oral Stepdown from Ceftriaxone for Variceal Bleed SBP Prophylaxis: Do We See a Diff ' in Rates of *C. diff*?" with Christopher Codd and Andrew Barbish, Pharm. D. Candidates, 2022.

"Vancomycin Dosing in Inpatients with Hepatic Cirrhosis: A Retrospective Review" with Ryan Larson and Tara Bracken, Pharm. D. Candidates, 2021.

"Characterizing the Causative Organisms in Cases of Cirrhosis-induced SBP at University of Michigan" with Crystal SBP Lee, Pharm D. Candidate, 2020.

"Antibiotic Resistance Pattern Effects Upon Change in Formulary Involving a Zosyn Shortage" with Terrence Pang, Pharm. D. Candidate, 2019.

"The Use of Vitamin K to Correct INR Levels in Cirrhotic Patients" with Drew Torey, Pharm. D. candidate, 2019.

"Evaluation of the Efficacy of Standard Antibiotic Therapy Compared to Broad Spectrum Antibiotics in the Treatment of SBP" with Brad Vincent, Pharm. D. candidate, 2018 and Rima Mohammad, Pharm. D.

"Evaluation of the Safety and Efficacy of Non-selective Beta Blockers in Patients with a History of SBP" with Shaina Kwiatkowski, Pharm. D. candidate, 2018 and Rima Mohammad , Pharm. D.

"Does the Disease of Cirrhosis Change the Sensitivity and Specificity of the Procalcitonin Test for Bacterial Infection?" with Kristin Griebe and Jennifer Kolberg, Pharm. D. Candidates , 2017

"The Effect of Fluoroquinolone SBP Prophylaxis on Antibiotic Resistance Patterns in Cirrhotic Patients" with Lynn Switaj and Christopher Le, Pharm. D. Candidates, 2016, Ben Furbacher, Pharm. D. Candidate 2018, Kevin Ng Pharm. D. Candidate 2020

"Vancomycin Dosing in Inpatients with Hepatic Cirrhosis: A Retrospective Review" with Steven Ren and Greg Paige, Pharm. D. Candidates, 2015.



“Depakote as an Essentially Fatty Acid? Valproic Acid and Metabolic Syndrome in Institutionalized Mental Health Patients on Typical and Atypical Antipsychotics” with Silu Zuo, Pharm. D. Candidate, 2014.

“Elucidating Antipsychotic Prescribing Patterns Using Data Mining: Ironing Out the Differences” with Jennifer Cui, Pharm. D. Candidate, 2014.

“Do SSRI Antidepressants Really Increase the Risk of Extrapyrimalidal Side Effects in Patients Taking Antipsychotics? Shaking Down the Truth in the Theory” with Matt Allsbrook Pharm. D. Candidate, 2014.

“Effect of Albumin Replacement in Patients with Spontaneous Bacterial Peritonitis” with Jenny Leung, Michelle Harrison, Karen Shen, Pharm. D Candidates, 2013 and Cesar Alaniz, Pharm. D.

“Assessment of Adherence to Antimicrobial Use Guidelines in the Treatment of Healthcare-Associated Pneumonia at University of Michigan Hospital: A Retrospective Review” with Brian Kaminsky and April Vena, Pharm. D. Candidates, 2012.

“Enoxaparin: A Retrospective Analysis of Anti-Xa Therapeutic Monitoring at the University of Michigan Hospital” with Jaclyn O’Connor, PharmD Candidate, 2012

“Anti-factor Xa Concentrations in Hemodialysis Patients Receiving Multiple Doses of Enoxaparin” with Karen Yiu, Pharm.D. Candidate, 2010.

“Acid lowering medication load as a predictor of response to Clostridium difficile treatment-a follow-up study” with Tom Jarvi, Brian O’Keefe, and Salem Kamalay, Pharm.D. Candidates, 2011.

“Acid lowering medication load as a predictor of response to Clostridium difficile treatment-a preliminary study” with Shannon Bauer and Joyce Ting, Pharm.D. Candidates, 2010.

“Safety Outcomes and Anti-factor Xa Concentrations in Hemodialysis Patients Receiving Multiple doses of Enoxaparin” with Tiffany-Jade-Sullivan Pharm.D. Candidate, 2006 and Nadine Shehab, Pharm.D.

“The identification of the most commonly found urinary pathogens on the UMHHS general medicine service, and use of the urinary nitrite test to predict gram-positive and gram-negative urinary pathogens” Pharm.D. Investigation Project with students MacGregor Montano and Anish Patel, Pharm.D. Candidates, 2005.

### **SEMINARS AND MAJOR PRESENTATIONS**

“Efflux Pumping for PPI Dumping...” Pharmacy Grand Rounds, University of Michigan Hospital, MCHC Auditorium. Ann Arbor, MI. November, 2018.

“A Thoughtful Approach to Giving the Boot to Proton Pump Inhibitors...” Intern Bootcamp tutorials at University of Michigan and VA Hospital. Ann Arbor, MI. September, 2018 .

“Bench Pressing with Pharmacological Weights” University of Michigan 12<sup>th</sup> Annual Preceptor Symposium. Ann Arbor, MI. May, 2015.

“Public Perception of the Pharmacist: Why are Medicine Junkies Media Flunkies?” University of Michigan Dept. of Pharmacy Interns Meeting. Ann Arbor, MI. June, 2013.

“Opening the Door to ADR Awareness: Tolerance Profiles of Key Medications in Long Term Care” St. Vincent Home. Saginaw, MI. October, 2012.

“Triple Phase Budesonide for Azor-induced Enteropathy: A Gutsy Call with a Happy Ending” University of Michigan Dept. of Pharmacy Patient Care Case Conference. Ann Arbor, MI. September, 2012.

“Medication Administration Times: When the Prescription Orders Won’t Give You the Time of Day” Four Seasons Nursing and Rehabilitation Center Nursing Inservice. Westland, MI. June, 2012.

“Working Nicely with a Mean Corpuscular Volume: Pharmacist-based Assessment and Treatment of Commonly Seen Anemias” Michigan Pharmacists Association Annual Meeting/Convention. Detroit, MI. February, 2011.

“How to Succeed in the Gen Med Business Without Really Phlying” Southeast Michigan Residency Conference. Ann Arbor, MI. February, 2010.

“The Pharmacokinetics and Pharmacodynamics of Vancomycin: Taming the Wild Van from Borneo” Reliance Pharmacy Long Term Care Pharmacists. Canton, MI. February, 2010.

“The Pharmacokinetics and Pharmacodynamics of Aminoglycosides: More Kinetic Models than a Manoogian Mansion Melee!” Reliance Pharmacy Long Term Care Pharmacists. Canton, MI. February, 2010.

“A Corpus of Concepts Concerning Copacetic Care of Anemias: So, Blood Else is New?” Michigan Pharmacists Association Annual Meeting/Convention. Detroit, MI. February, 2009.

“World Warfarin III: Saving Private Ryan, or Anybody Else Who Happens to be on Warfarin” Howell Care Center Nursing Inservice. Howell, MI. June, 2008.

“Everything You Wanted to Know About Communication...but Were Afraid to Ask...” One hour lecture for P-451 class. University of Michigan College of Pharmacy. Ann Arbor, MI. November, 2007.

“When You Haven’t Got Time for the Pain.” Westwood Nursing Center Pain Management Nursing Inservice. Detroit, MI. November, 2007.

“You Said What?” University of Michigan College of Pharmacy Annual Preceptor Symposium. Ann Arbor, MI. June, 2007.

“The Fab-Four F-Tags in the CMS State Operations Manual: Everything You Wanted to Know, but Were Afraid to Ask.” Changes: March, 2007. Howell Care Center Nursing Inservice, Howell, MI. Farmington Health Care Nursing Inservice, Farmington, MI. April, 2007.

“Reasons for ReFORMATION: AKA Why We Sacked the Old Evaluations.” University of Michigan College of Pharmacy Annual Preceptor Symposium. Ann Arbor, MI. June, 2006.

“Enjoying Beers (and Other Medications) Responsibly: Curing What ‘Ales’ Drug Therapy in Long Term Care.” Howell Care Center Nursing Inservice, Howell, MI. April, 2006.

“Medicare Part D in De-cember, 2005: Part De-Answer or Part De-bacle?” Howell Care Center Nursing Inservice, Howell, MI. Dimondale Centre Nursing Inservice, Dimondale, MI. December, 2005.

“Antibiotic Resistance for Residents.” University of Michigan Pharmacy Residents 2004-2005, Ann Arbor, MI. April, 2005.

Open Forum Question and Answer Session about Medication use in Respiratory Disease. Gift of Life, Ann Arbor, MI. March, 2005.

“Antibiotic Resistance Amongst the Grazing Multitudes: A Major League Problem Stuck in the Bush Leagues.” Michigan Pharmacist Association Annual Convention, Dearborn, MI. (CE Approved). February, 2005.

“Nursing Inservice: There is a Lot More to Treating Diabetes Mellitus than Just Dealing with a Bunch of BS!” Howell Care Center Nursing Inservice, Howell, MI. Dimondale Centre Nursing Inservice, Dimondale, MI. November/December, 2004.

“Emerging Quinolone Resistance Begat by ‘Quin-abuse’: An Apology Forthcoming, but not From Plato.” Midland County Pharmacist’s Association Annual Meeting. Midland, MI. September, 2004.

“ADR Prevention and Management: How to Avoid (Post-Survey) Hangovers after Having Too Many Beers (Mark H. Beers, That Is).” Howell Care Center Nursing Inservice. Howell, MI. May/June, 2004.

“When One Cell Beats a Billion: Recent Trends and Solutions on Antimicrobial Resistance in the United States.” Promedica Health System Physician CME Symposium. Perrysburg, OH. March, 2004.

“Everything a Consultant Pharmacist would Ever Want to Know about Antibiotic Use in the Elderly...and Wouldn't Need to Include in Their Monthly Health Management Report.” Omnicare Regional Pharmacy Consultant's Meeting. Livonia, MI. March, 2004.

“Prescribing with Sage in Patients of Age: Antimicrobial Therapy for Older Patients, Problems and Solutions.” University of Michigan College of Pharmacy Tom D. Rowe 52<sup>nd</sup> Annual Pharmacy Lectures. Ann Arbor, MI. October, 2003.

“The Antibiotic Restriction Program at UMHHS: Update on the Resistance Movement.” UMHHS Infection Control Committee Annual Update. University of Michigan Medical Center. Ann Arbor, MI. September, 2003.

“The Pathway of Least Resistance...is the Pathway of Most Resistance.” Michigan Society of Pharmacy Technicians Spring Seminar, 2003. Ingham Regional Medical Center. Lansing, MI. June 2003.

“Getting All the Way Through Med Pass: Ways to Avoid a Half-Passed Result.” Lynwood Manor Nursing Inservice Adrian, MI. March 2003; and Howell Health Care Nursing Inservice. Howell, MI. April 2003.

“The Pathway of Least Resistance... is the Pathway of Most Resistance.” University of Michigan Hospital Continuing Education Program. Ann Arbor, MI. November 2002.

“Understanding Diabetic Medicaments: When Parting from Compliance Brings Such Sweet Sorrow.” Lynwood Manor Nursing Inservice. Adrian, MI. January 2002.

“Hands Across the Water, Not Starring Paul McCartney and Wings: Infection Control and Antibiotic Management to Reverse or Attenuate Antibiotic Resistance in Long Term Care.” Howell Healthcare Nursing Seminar, Howell, MI. (Videotaped), December 2001.

“Overview: The University of Michigan Health Systems Antimicrobial Restriction Program 1997-2001: Bacterial Resistance Trends from Cradle to Current.” Presentation to University of Michigan Health Systems Infection Control Committee, Ann Arbor, MI. November 2001.

“When Haven't Got Time for the Pain...Understanding Narcotic Analgesics.” Lynwood Manor Nursing Seminar, Adrian, MI. November 2001.

“Our Culpable Climb to GRIEF and Catastroph.” Specialized Pharmacy Services Consultant Pharmacist Meeting. Livonia, MI. July 2001.

“The Ramifications of ‘Unrestricting’ Piperacillin/tazobactam: Will ‘Pips’ Disappear Into the Gladys Knight?” University of Michigan Health Systems Antibiotic Subcommittee, Ann Arbor, MI. May 2001.

“Pernicious Procaryotes on Parade: And the University of Michigan Health Systems Antibiotic Armamentarium.” University of Michigan Health Systems Department of Physical Medicine Physician Group, Ann Arbor, MI. January 2001.

“Monitoring the New ‘Atypical’ Antipsychotics: Far Fewer TD’s, But We Still AIM’s to Please.” Lynwood Manor (of Adrian, MI) and Howell Health Care (of Howell, MI) Nursing Seminars. (Videotaped in Howell). November and December 2000.

“Our Culpable Climb to Grief and Catastroph: Update”, University of Michigan Health Systems Department of Pharmacy PFC Pharmacist Inservice, University of Michigan Medical Center, Ann Arbor, MI. December 2000.

“IV Vancomycin: From Mississippi Mud to Darwinian Dud?” University of Michigan Health Systems Department of Pharmacy PFC Pharmacist Inservice, University of Michigan Medical Center, Ann Arbor, MI. November 2000.

“Antimicrobial Restriction Program Update.” University of Michigan Health Systems Administrative Forum, Ford Amphitheater, University of Michigan Medical Center, Ann Arbor, MI. Presented conjointly with Dr. H. VandenBussche, June 2000.

“Antibiotic Management Program Update: Saving the Fluoroquinolones from Premature Obsolescence? It Is Up to Us!” University of Michigan Health Systems Department of Surgery Faculty Meeting. Ford Amphitheater, University of Michigan Medical Center, Ann Arbor, MI. April 2000.

“Optimizing Pain Management-In Reality as Well as in Writing: How-ell We Do It? By Taking the Business Back from the Famous Doctor Jack.” I.H.S. of Howell Nursing Seminar, Howell, MI. April 2000.

“The Addition of Rifampin IVPB to University of Michigan Medical Center’s Target Drug Program for IV to Oral Conversion.” Pharmacy and Therapeutics Committee, University of Michigan Medical Center, Ann Arbor, MI. March 2000.

“When the Prescriber Won’t Give You the Time of Day: Adjusting Medication Administration Times Based Upon Established Pharmacological Principles...Or, My Opinion...” I.H.S. of Howell Nursing Seminar, Howell, MI. March 2000.

“The Anathema of the Antibiotic Armamentarium: You Use ‘em, You Lose ‘em.” University of Michigan College of Pharmacy Students and Hospital Staff. Ann Arbor, MI. January 2000.

“Our Culpable Climb to GRiEF and Catastroph: Reversing Antibiotic Resistance by Changing the Ways We Use Antibiotics.” Southeastern Michigan Pharmacy Residents Association Meeting, University of Michigan, Towsley Conference Center, Ann Arbor, MI. April 1999.

“The Pathway of Least Resistance...is the Pathway of Most Resistance: The University of Michigan Medical Center Antibiotic Restriction Policy.” Department of Surgery Clinical Faculty Meeting, Ford Auditorium, University of Michigan Medical Center, Ann Arbor, MI. March 1999.

“The Azithromaxation of University Hospital: Addition of IV Azithromycin to the University of Michigan Medical Center Formulary.” Pharmacy and Therapeutics Committee, University of Michigan Medical Center, Ann Arbor, MI. January 1999.

“Breathing Easier with the Use of Inhalation Agents: Teaching Your Patients to get Wind ...” Lynwood Manor Nursing Seminar, Adrian, MI. December 1998.

“Making A-cute Case of Pain Management Even More Attractive: Getting the Bugs out of Using the Drugs, II.” Lynwood Manor Nursing Seminar, Adrian, MI. April 1998.

“Pharmacy-Phacilitated Antibiotic Management.” University of Michigan College of Pharmacy Faculty Candidate Interview, Ann Arbor, MI. May 1997.

“The RESPY Awards Luncheon, 1996 (Third Annual).” Nursing, Pharmacy, and Hospital Administration luncheon to award nurse-contributions to the ADRESP (ADR Program), April 1997.

“Treatment of Hypertensive Emergencies with Oral Agents: Is Knif-edipine No Longer on the Cutting Edge?” Hillsdale County Medical Care Facility Nursing Staff, January 1997.

“But My Mother Always Wanted Me to be A Doctor.” Explorers Club. Senior Students of Downriver Community High Schools Career Exploration, Clinical Pharmacy Practice, November 1996.

“Pharmacologically Optimal Management of Pain II.” Rehabilitative Nursing Certification Program, Unit XVII Chronic Pain, October 1996.

“Where Are You When the Lights Go Out? F-A-R-M-acological Management of Sedation in Ventilator Patients.” Health Care Professionals of Heritage Hospital, July 1996.

“The RESPY Awards Luncheon, 1995 (Second Annual): A Rustabout Unrelentin' When We Forgot Cogentin...and Other Anecdotes.” Nursing, Pharmacy, and Hospital Administration awards luncheon for Heritage Hospital ADRESP (ADR Program), April 1996.

“Cozaar (Losartan): A New Quarterback in the Field of Hypertension?” Health Care Professionals of Heritage Hospital, November 1995.

“Making A-cute Case of Pain Management Even More Attractive: Getting the Bugs Out of Using the Drugs.” Surgical Symposium on Care for Surgical Patients. Oakwood Hospital Health Care Professionals, October 1995.

“A Symphony on Four (Involuntary) Movements: The Neuroleptics in A-Major Way.”  
Schoolcraft College Nursing Students, June 1995.

“First Give Them Socks...Then Lovenox: Preventing DVT/ PE in Post-Operative Orthopedic Patients.” Presented to Health Care Professionals at Heritage Hospital, May 1995.

“When You Haven't Got Time for the Pain: Pain Management.” Presented to Health Care Professionals at Heritage Hospital, April 1995.

“The RESPY Awards for 1994: The Heritage Hospital ADRESP and the New Health Care Paradigm.” Presented during luncheon to Heritage Hospital Nurses and Pharmacists, March 1995.

“Getting all of Your Classes in About an Hour: A (Relatively) Laconic and (Somewhat) Levitous Look at our Antibiotic Armamentarium.” Presented to Health Care Professionals at Heritage Hospital, December 1994.

“Are the Antipsychotics Driving You Crazy? Neuroleptic Use in the Elderly.” Presented to Hillsdale County Medical Care Facility Nursing Staff, November 1994.

“The Circumstances of POMP: Pharmacologically Optimal Management of Pain.” Presented to Oakwood Hospital Physicians at Heritage Hospital, Continuing Education Seminar for Medical Staff, September 1994.

“The Circumstances of POMP: Patient Orientated Management of Pain.” Presented to Lenawee County Medical Care Facility Nursing Staff, September 1994.

“Are the Antipsychotics Driving You Crazy? Methods of Madness to Allay Your Symptoms.” Presented to Heritage Hospital Department of Behavioral Medicine, June 1994.

“A Sermon on the Mounting Decline of the Quinolone Antibiotics: Taking the Pathway of Least Resistance in Geriatric Patients.” Frenchtown Long Term Care Staff, Monroe, MI. June 1994.

“Are the Antipsychotics Driving You Crazy? Methods of Madness to Allay Your Symptoms.” Presented to Lenawee County Medical Care Facility Nursing Staff, June 1994.

“The Circumstances of POMP: Patient-Oriented Management of Pain.” Presented to Provincial House of Adrian Nursing Staff, May 1994.

“Inhalation Therapy for Pulmonary Diseases.” Presented to Hillsdale County Medical Care Facility Nursing Staff, April 1994.

“Spare the Kidneys and Spoil the Bugs II: Optimal Dosing and Monitoring of the Intravenous Aminoglycosides.” Medical Staff, Vencor Hospital, Lincoln Park, MI. December 1993.

“The Circumstances of POMP: Patient-Oriented Management of Pain.” Hillsdale County Medical Care Facility Nursing Staff, September 1993.

“An Oration on Monitoring and Dosing of Oral Beta-lactams: Especially in Octogenarians.” Monroe County Pharmacists Society, Little Dixie Restaurant, Monroe, MI. April 1993.

“Spare the Kidneys and Spoil the Bugs: Optimal Dosing and Monitoring of the Intravenous Aminoglycosides.” Medical Staff, Ven-Cor Hospital, Lincoln Park, MI. March 1993.

“Prophylaxis and Treatment of Hospital-Acquired H-2 Antagonist-Associated Ulcers: Financial or Otherwise.” Glaxo Pharmaceuticals Regional Meeting, Troy Marriott, Troy, MI. February 1993 and Detroit General Hospital Medical Staff, Detroit, MI. January 1993.

“An Oration on Monitoring and Dosing of Oral Antimicrobials in Octogenarians: One Dose Does Not All Fit!” Oakwood Downriver Medical Staff Meeting, Holiday Inn, Dearborn, MI. August 1992.

“The Circumstances of POMP: Patient-Oriented Management of Pain.” Nursing Forum, Heritage Hospital, Taylor, MI. February 1993.

“Progesterone/Estrogen Replacement Therapy (P.E.R.T.): Make No Bones About It, This Stuff is PERTinent!” Nursing Forum, Heritage Hospital, Taylor, MI. May 1992.

“Cough, Chasms, and Paroxysmal Spasms; the Multi-pH-aceted Treatment of G.E.R.D.” CE Dinner for Registered Pharmacists, St. Mary's Cultural Center, Livonia, MI. February 1992.

“Intravenous Vancomycin, The Mother of all Glycopeptides.” Presented to pharmacy staff at Heritage Hospital, Taylor, MI. December 1991.

“Toradol: A Gain With Pain?” Presented and videotaped for pharmacists and nurses at Heritage Hospital, Taylor, MI. November 1991.

“Pharmacophilosophy: Inservice Phor Phacility Nursing Staph.” Presented to Lenawee County MCF nursing and professional staff. LCMCF, Adrian, MI. November 1991.

“Taking a Peak (and Trough) at the Intravenous Aminoglycosides.” Presented to Pharmacy Staff at Heritage Hospital, Taylor, MI. October 1991.

“Breathing Easier with Inhalation Agents for Chronic Lung Disease: Counseling Your Patients.” Presented at CE dinner for Washtenaw County Pharmacists Society. Radisson Hotel, Ypsilanti, MI. October 1991.

“Are We Stressed Out on the H-2 Antagonists?” Presented to physicians, pharmacists, and pharmaceutical representatives. Heritage Hospital, Taylor, MI. December 1990.



“Medication Administration Times (MATS): Do They Really MAT-TER?” Nursing Forum, Heritage Hospital, Taylor, MI. November 1990.

“A-VOID-ing Complications in Elderly Patients: Monitoring and Use of Diuretics in the Elderly.” Presented to nursing staff at Hillsdale County Medical Care Facility, Hillsdale, MI. November 1990.

“Lowering the Pressure for You and the Patients: Management of Hypertensive Crises in the Elderly.” Presented to extended-care nurses at Hillsdale County Medical Care Facility, Hillsdale, MI. November 1990.

“Opportunities for Counseling Patients using Inhalation Therapy.” Pharmacist CE Seminar at Dearborn Inn, Dearborn, MI. October 1990.

“Antihypertensive Drug Therapy: Treatment of Hypertensive Crises with Oral Nifedipine and Capoten, IV Labetolol, IV Enalaprilat.” Nursing Forum, Heritage Hospital, Taylor, MI. June 1990.

“Helping Your Hospital to Survive: Clinical Pharmacy Strategies for Improving Antibiotic Utilization.” Presented to physicians, medical students at Riverside Hospital, Trenton, MI. April 1990.

“Oh, No! Not Another Seminar on Cost-Effective Antibiotic Use!” Presented to pharmacists, pharmaceutical representatives and administrative personnel from Oakwood United and adjacent hospitals. Chambertin Inn, Dearborn, MI. January 1990.

“Relieving Anxiety over the Use of Buspirone.” Department of Psychiatry, Heritage Hospital, Taylor, MI. December 1989.

“Digging in on Granddaddy Dig: A Practical Guide to Monitoring the Use of Digoxin in the Elderly.” Presented to nursing personnel, Hillsdale, MI. November 1989.

“Harm the Bugs, Not the Patients: Monitoring Elderly Patients on Antimicrobial Agents.” Presented to nursing personnel, Hillsdale, MI. November 1989.

“Over the Counter Medications.” Fifty-Five and Alive. Fourth Annual Conference for experienced adults. Southgate, MI. September 1989.

“High Blood Pressure Medications.” Fifty-Five and Alive. Fourth Annual Conference for experienced adults. Southgate, MI. September 1989.

“Benzodiazepine Hypnotics.” Department of Psychiatry, Heritage Hospital, Taylor, MI. August 1989.

“Disulfuram (Antabuse).” Department. of Psychiatry, Heritage Hospital, Taylor, MI. July 1989.

“Adverse Drug Reactions. Everything You Wanted to Know but Were Afraid to Write Up on the Adverse Drug Reporting Form.” Presented to health care professionals at Hillsdale Community Health Center, Hillsdale, MI, January 1989.

“Pharmacokinetics for Laboratory Technicians: Drawing and Interpretations of Drug Blood Levels: It's all in the Timing!” Michigan Society of American Medical Technologists. Lansing, MI. October 1988.

“Practical Pharmacokinetics for Nursing: Application to Drug Blood Level Drawing and other Pragmatic Stuff.” Two seminars presented to nurses, laboratory, and pharmacy personnel. Hillsdale Community Health Center, June 1988.

“Inhalation Agents for Respiratory Therapy.” Two seminars on this topic presented to nurses, respiratory therapists, and pharmacy personnel. Hillsdale Community Health Center, February 1988.

“The H-2 Antagonists by Continuous Infusion.” Presented to physicians and other members of the Medicine Committee, Hillsdale Community Health Center, August 1987.

“The Potential Role of Aztreonam as a Formulary Agent.” Presented to physicians and other members of the Infection Control Committee, Hillsdale Community Health Center, May 1987.

“A Comparison of Five 'General Use' Aminoglycoside Antibiotics: Recommendations for the Hillsdale Community Health Center Formulary.” Presented to physicians and other members of the Infection Control Committee, Hillsdale Community Health Center, May 1987.

“Drug-Use Evaluation of Intravenous Heparin for DVT's with Suggestions for Optimizing Therapy.” Presented to physicians and other members of the Medicine Committee, Hillsdale Community Health Center, April 1987.

“Management of Chronic Pain in the Terminally Ill.” Presented to the members and caregivers of the local Hospice Chapter, HCHC, March 1987.

“An Overview of the First, Second, and Third Generation Cephalosporins: Recommendations for the Hillsdale Community Health Center Formulary.” Presented to physicians and other members of the Medicine Committee, HCHC, January 1987.

“A Comparison of Ticarcillin, Mezlocillin, and Piperacillin: Recommendation for the Hillsdale Community Health Center Formulary.” Presented to physicians and other members of the Medicine Committee, Hillsdale Community Health Center, October 1986.

“Non-Prescription Treatment of Premenstrual Syndrome.” Presented at Bixby Hospital, Adrian, MI. January 1986.

“Tricyclic Antidepressant Overdose: What it is, How We Treat It, and What the Pharmacists Can Do to Prevent It.” Presented to pharmacy students, members of University of Michigan faculty and public, March 1984.

“The Therapeutics of SIADH and Diabetes Insipidus.” Presented to pharmacy students, members of the University of Michigan faculty and public, September 1983.

“A Look at Four Unapproved Uses of Cimetidine.” Presented to pharmacy students, University of Michigan faculty and public, April 1983.

“The Present Use of Tetanus, Hepatitis B, and Influenza Vaccines.” Presented to pharmacy students, University of Michigan faculty and public, March 1983.

### **EDUCATIONAL VIDEOTAPES PRODUCED**

“Efflux Pumping for PPI Dumping...” Pharmacy Grand Rounds, University of Michigan Hospital, MCHC Auditorium. Ann Arbor, MI. November, 2018. Total time:55 minutes, produced through Blue Jeans with Mike Kraft, Pharm. D.

“Resistant Microbes, Antibiotic Abuse, and the Threat to Public Health.” A five part digitally produced videotape produced by Matthew Howard of FATHOM, May 2002. Total time 90 minutes. To view: [www.fathom.com](http://www.fathom.com).

“IV Vancomycin: The Last Bastion in a GRIEF-stricken and Catastro-staphic Microbial Society?” Educational Module Lesson for Staff Pharmacists-60 minutes. Made in conjunction with AV services, Oakwood Hospital, December 1995.

“Spare the Kidneys and Spoil the Bugs: Optimal Dosing and Monitoring of Intravenous Aminoglycosides.” Education Module Lesson for Staff Pharmacists-65 minutes. Made in conjunction with AV Services, Oakwood Hospital, December 1995.

“Give Them Sox...Then Lovenox: Prevention of Post-operative Thrombosis in Orthopedic Surgery Patients.” Education Module Lesson for Pharmacists and Nurses-36 minutes. Made in conjunction with AV Services, Oakwood Hospital, November 1995.

“IV Heparin Nomogram.” Made in conjunction with Educational Resources, Heritage Hospital, February 1994.

“Digoxin Toxicity and Digibind.” Made in conjunction with Educational Resources, Heritage Hospital, June 1993.

“Toradol: A Gain with Pain.” Made in conjunction with Educational Resources, Heritage Hospital, November 1991.

### **TELEVISION APPEARANCES**

Food for Health Series: An Overview on Important Food-Drug Interactions, April 1989, MacLean Hunter Cable TV, Flat Rock, MI.

### **NEWSPAPER/JOURNAL ARTICLE INTERVIEWS**

*The Chicago Tribune*, January 13, 2011. "Pain Relievers: What are the Differences?" Anne Stein.

*Science News* December 4, 2010. "It's Enough to Give You Heartburn" Nathan Seppa.

*The New York Times*, August 11, 2010. "A Caution on Acid-reducers for Older Patients" Paula Span. <http://newoldage.blogs.nytimes.com/2010/08/11>

*Pulmonary Reviews*, July 2004 Vol 9 No. 7. "ID Alert: Update on Penicillin Allergies." Timothy Begany.

*The Grand Rapids Press*, August 5, 2002. "Hospitals Wage Germ Warfare 1." Kathleen Longcore.

*Web MD Health*, December 13, 2001. "Antibiotics Do Nothing for Most Sore Throats: People Need to Turn to Other Treatments." Elaine Zablocki.

*Medicine and Health Perspectives*, Vol 55 No 45. "Terrorism: Feds Didn't Plan for Terror, Analysts Charge." *Amednews.com*. January 21, 2002. "Do Shorter Courses of Antibiotics Work?" Victoria Stagg Elliot.

### **MAJOR CREATIVE WORKS RELATED TO HEALTH CARE PROFESSION**

#### **Poetry**

- "The Quinolone Trilogy"
  - "Ode to Cipro" 2001
  - "A Lasting Leve-affair" 2001
  - "Cutting Loose on Quin-abuse" 2003
  
- "A Penance to Proton Pumpers" 2003

### **University of Michigan Resident Roasts-Original Pieces with Readings/Performances**

2006: "A Resident's Reality Bytes ...A Sign of Our Times" -Poem

2007: "A Residents' Iambic Phlog Phor My Gaffe in "What's Up-Dawg" -Poem

2008: "The Whine of the Ancient Mariner" -Poem

2009: “Of Phemale Phun in the Phalanges Digital Age” -Poem

2010: “The Penny War of 2010:The Ills- We Had and the Oddities” -Poem

2011: “The Un-Special-T Rap-so-D” - Rap performed with John Clark and resident chorus.

2012: “*Phight phor the Right phor Chipotle: A Professional Protest Poem by the Phungus Among Us*”- Rap performed as *The Yeastie Boys* based on “*Fight for the Right to Party*” with Philip Brummond and resident chorus.

2014: “Fresh Tints of Gray in John’s Hair”-Rap performed with resident chorus based on Fresh Prince of Belair

2016: “Excerpt from The Magic Phlute: The Phlight and Plight of Clinical Pharmacy” - Musical piece written for piccolo trumpet, flute, violin, vocal soloist and chorus.

2017: “O’ Candida in F Major” for soprano, alto saxophone, and two trumpets.

2019: “Eine Kleine Pharmusik” for two mezzosopranos, alto saxophone, and two trumpets

“Hail to the Chieftors I” for alto saxophone, and two trumpets

2020: “Hail to the Chieftors II” videotape recording for alto saxophone, two trumpets, and drums (The COPa Covid Quartet)

2021: Reprise with embellishments of “Excerpt from The Magic Phlute: The Phlight and Plight of Clinical Pharmacy” - Musical piece written for two trumpets, alto saxophone, piano, vocal soloist and chorus.

### **YOU-TUBE Videos for Professional Enrichment**

April, 2020: “Graduation Medley 2020”-Randolph Regal, Trumpet

March, 2020: “How Much Will it Cost for My Prescripton?” “ Randolph Regal -trumpet and vocals, Austin Brown- guitar

March, 2020 “O’Candida “ Randolph Regal- trumpet and vocals, Austin Brown- guitar

March, 2021 “Hey, Re-ad-JUDE-icated” Randolph Regal- trumpets, Mike Maleszyk-keyboards and vocals, Brian Bazzell-vocals

### **Works for Other Major Events**

5/2/2011 “Bruce A. Mueller: Pharmacist, Phisherman and Phather Phigure at Phighty!”  
Bruce Muller’s 50<sup>th</sup> Birthday Bash