**Thomas Scott Warmack, Pharm. D.**

University of Arkansas for Medical Sciences, College of Pharmacy

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| **Education** |  |
| Pharmacy Practice Residency, University Hospital, Little Rock, AR Pharm.D., UAMS College of Pharmacy, Little Rock, AR Pre-Pharmacy (Chemistry), Harding University, Searcy, AR | Jul 1998 – Jun 1999  Aug 1994 – May 1998  Aug 1992 - May 1994 |
| **Current Position**  Associate Dean – NW Campus  UAMS College of Pharmacy  Fayetteville, AR  **Professional Experience**  Clinical Pharmacist  North Street Clinic, UAMS-NW  Fayetteville, AR  Clinical Pharmacy Specialist  Mercy Clinic Primary Care - Lancashire  Bella Vista, AR  Clinical Pharmacy Specialist, Internal Medicine Central Arkansas Veterans Healthcare System Little Rock, AR  Coordinator, Anticoagulation Clinic  UAMS Family Medical Center  Little Rock, AR Academic Appointments | Aug 2011-present  Mar 2014 - Present  Mar 2013 – Mar 2016  Aug 1999- July 2011  May 2001 – July 2011 |
| Associate Professor Department of Pharmacy Practice UAMS College of Pharmacy Little Rock, AR | July 2008 - Present |
| Adjunct instructor  Department of Physical Therapy  UAMS College of Health Professions  Little Rock, AR  Assistant Professor Department of Pharmacy Practice  UAMS College of Pharmacy  Little Rock, AR | Dec 2016 - Present  Aug 1999 – June 2008 |

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| Formulary Experience |  | |
| Member, Arkansas Blue Cross and Blue Shield Pharmacy & Therapeutics Committee  Member, Evidence-based Prescription Drug Program, Medicaid Drug Review Committee | 2007 – 2011  2007 – 2011 | |
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| Certification and Licensure |  | |
| Community Pharmacy-Based Point-of Care Testing Certification, NACDS  APhA Immunization Faculty  Board Certified Pharmacotherapy Specialist (BCPS)  Immunization Certification, Arkansas State Board of Pharmacy BLS for Healthcare Providers (CPR and AED), American Heart Ass. | Aug 2018 - Present  Mar 2015 - Present  Dec 2008-2015  Dec 2015 - Present  Mar 2015 – Present | |
| Committee Assignments and Administrative Services |  | |
| State Level  Past-president, Arkansas College of Clinical Pharmacy  President, Arkansas College of Clinical Pharmacy  President-elect, Arkansas College of Clinical Pharmacy  SSHP Faculty Representative, AAHP  Chair, Scholarship Committee, AAHP  Education Coordinator, Fall Seminar, AAHP  University Level  Chair, UAMS-NW Education Oversight Committee  UAMS-NW Executive Committee  IPE Leadership Team Meeting (NW Campus)  Member, Pharmacy Residency Board, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas  Delegate (College of Pharmacy), Academic Senate Council  College Level  Chair, Education & Technology Support Advisory Group  Campus assignment committee  Executive Committee  Administrative Council  Faculty Marshall  Member, Admissions Committee  Member, COP *ad hoc* Academic Progression Committee  Member, COP *ad hoc* Cultural Diversity Committee  Member, COP *ad hoc* Special Test Taking Accommodations Committee  Co-Chair, Promotion & Tenure *ad hoc* Criteria Committee  Faculty Advisor, Phi Delta Chi  Faculty Advisor, SSHP  Member, Summative Exam 1 Committee *ad hoc*  Member, Assessment Committee | 2015-2016  2014-2015  2013-2014  2005-2010  2004  2001  2011-Present  2011-Present  2015-Present  2005-2011  2004-2006  2018-Present  2018-Present  2011-Present  2011-Present  2000-Present  2017-Present  2010-15  2011-13  2009-2017  2009-2011  2003-2011  2005-2010  2007-2008  2000-2003 | |
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| Honors and Awards |  | |
| Selected by graduating class to give Faculty Address (Honors Convocation)  Teacher of the Year, as selected by the student body  Selected by graduating class to give Faculty Address (Honors Convocation)  Most Outstanding Faculty Award, Pharmacy Practice  UAMS Chancellor's Faculty Teaching Award  Most Outstanding Faculty Award, Pharmacy Practice  Most Outstanding Faculty Award, Pharmacy Practice  UAMS College of Pharmacy Dean’s Teaching Incentive Award  CAVHS Best Practice Award, “Development of an exemplary interdisciplinary teaching nutrition support team”  Phi Delta Chi Distinguished Alumnus, Beta Eta chapter  SmithKline Beecham Patient Care Award for superior achievement in clinical pharmacy | 2014  2013  2013  2013  2010  2010  2006  2005  2005  2002  1998 | |
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| **Leadership And Professional Development** |  | |
| Community Engagement Research Training Fellowship Program - Center for Pacific Islander Health, UAMS Northwest Regional Campus  American Association of Colleges of Pharmacy Academic Leadership Fellowship Program – Cohort 10  “Advancing the Future of Healthcare through Interprofesssional Learning: A Three-Day Course for Health Professionals, Educators and Leaders”, EHPIC, Little Rock, Arkansas  ACPE Site Visitor Training, Chicago, Illinois  Fall IPEC Institute:“Designing an Interprofessional Curriculum: Planning, Strategies and Successes”, Atlanta, Georgia  2011 AACP Institute: “Cultural Competency: Beyond Race and Gender”, Herndon, Virginia  Teaching and Leading EBM: A Workshop for Teachers and Champions of Evidence-Based Medicine, Duke University, Durham, North Carolina  Teaching Scholars Program | 2016-2017  2013-2014  2014  2012  2012  2011  2006  2003-2005 | |
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| Educational Activities |  | |
| College of Pharmacy: Current Participation  COP PHSC 7202 001 Pharmacology II   * **Lecturer (14 hours)** * *Aminoglycosides, Vancomycin/Daptomycin, Natural and Staphylococcal PCNs, Extended Spectrum PCNs, Cephalosporins – 1st-2nd Generation, Cephalosporins – Extended Spectrum, Carbapenems/monobactams, TMP/SMX and Nitroimidazole, Fluoroquinolones, Tetracyclines/Tigecycline, Macrolides, Miscellaneous Antibiotics, Protein synthesis inhibitors*   COP PHPR 7355 001 Drug-induced Disease   * **Course developer, course coordinator, lecturer (14 hours)** * *Epidemiology and Impact of Drug Induced Diseases; Drug Induced Allergic/Immunologic Diseases; Drug Electrolyte Induced Disorders; Drug Induced Gastrointestinal Diseases; Drug Induced Hematological Disorders; Drug Induced Pulmonary Diseases; Drug Induced Renal Diseases*   COP PHPR 7302 001 Therapeutics II   * **Course coordinator** (2012-15), **lecturer** (2005-present) **(4 hours)** * Infectious Diseases: Tick-Borne Illness; Urinary Tract Infections; Lower Respiratory Infections; Skin and Soft Tissue Infections   COP PHPR 5654 Patient Assessment and Application   * **Lecturer (2 hours)** * *APhA Immunization certification program*   COP PHPR 7364 003 Special Problems Pharmacy/Academic Admin   * **Course coordinator** - Fall and Spring Semesters   College of Health Professions(Department of Physical Therapy): Current  CHP PHTH 5114 001 Pharmacology I   * **Course developer, Lecturer (8 hours)** * *Introduction to the Course: Drug administration, distribution, metabolism, and excretion; Angina Pectoris Drugs & Antihypertensive drugs; Coagulation and Hyperlipidemia Drugs; Diabetes & Respiratory Drugs; CHF & Cardiac Arrhythmia Drugs; Treatment of pain: analgesics, opioids and nonopioid medications; Treatment of inflammation: opioid and nonopioids, glucocorticoids;* *Muscle relaxants: agents used to treat spasms and spasticity.*   CHP PHTH 5215 001 Pharmacology II   * **Course developer, Lecturer (12 hours)** * *Sedative Drugs: Benzodiazepines and non-benzodiazepines; Anti-anxiety Drugs: Benzodiazepines, Buspirone and Alternatives; Drugs to Treat Affective Disorders: Anti-depressants and Lithium; Anti-psychotic Drugs; Anti-epileptic Drugs; Drugs that Treat Parkinson’s Disease* | 2019-Present  2006-Present    2005-Present  2015-Present  2015-Present  2016-Present  2016-Present | |
| College of Pharmacy: Previous Participation  PHPR 4625 Therapeutics I   * **Coordinator** (2007 –11) ,**Lecturer** (1999 – 2016) * *Electrolyte Disorders: Water Balance; Electrolyte Disorders: Hyponatremia; Electrolyte Disorders: Hypernatremia; Electrolyte Disorders: Potassium; Electrolyte Disorders: Magnesium; Alcohol Withdrawal; Alcoholic Liver Disease; Inflammatory Bowel: Crohn’s Disease; Inflammatory Bowel: Ulcerative Colitis; Measurement of Renal Function; Drug Administration in Renal Insufficiency; Chronic Kidney Disease: Progression-Modifying Therapies; Complications of Chronic Kidney Disease; Acute Renal Failure*   PhPr 5654 Pharmacy Practice III, Physical Assessment   * **Coordinator**   PhPr 5352 Advanced Infectious Disease Therapeutics   * **Lecturer** * *Tick-Borne Illness*   PHPR 6614 Adult Medicine Rotation, General Medicine   * **Preceptor** * 4-week practical rotations in adult inpatient medicine at Central Arkansas Veterans Healthcare System * 2010-2011 (15 students), 2009-10(16 students), 2008-09 (15 students), 2007-08 (12 students), 2006-07 (12 students), 2005-06 (10 students), 2004-05 (12 students), 2003-04 (8 students), 2002-03 (10 students), 2001-02 (6 students), 1999-00 (2 students)   NTPD 6613 Adult Medicine Rotation, General Medicine   * **Preceptor** * Practical rotations in adult inpatient medicine at Central Arkansas Veterans Healthcare System * 2007-08 (8 students), 2005-06 (3 students), 2004-05 (7 students), 2003-04 (6 students), 2002-03 (3 students), 2001-02 (18 students), 2000-01 (21 students), 1999-00 (14 students)   Postgraduate Education: Previous Participation   * ASHP Accredited Pharmacy Practice Residency, Central Arkansas Veterans Healthcare System   + **Preceptor**, General Medicine rotation (1999-2011)   + **Preceptor**, Infectious Disease rotation (2005-2011)   + **Advisor**, (2006-2011) | 1999-2016  2005-2007  1999-2004  1999-2011  1999-2008  1999-2011 | |
| **Grants and Contract Awards**   |  |  | | --- | --- | | Extramural fundingNational Association of Chain Drug Stores, “Community Health Fairs and the Million Hearts Initiative”. Funded - $5,000.Role: Principal investigatorAmerican Heart Association Heartland Affiliate, Heart and Stroke CommunityDevelopment Fund. “Impact of a pharmacist-provided metabolic syndrome clinical screening and education program in employees of a public school system”. Funded - $5,000Role: Co-Investigator *Intramural funding*  University of Arkansas for Medical Sciences, Translational Research Institute (TRI) Pilot Award Program, “Participants’ and Communities’ Perceptions and Preferences Regarding Dissemination Methods”. Funded - $50,000  **Role: Principal investigator**  University of Arkansas for Medical Sciences, Medical Research Endowment Award. “Prevalence of Diabetes among Marshallese Identified at Interprofessional Health Screenings in Northwest Arkansas”. Funded - $14,600  **Role: Principal investigator** | September 2012  July 2005-June 2006    June 2015-May 2016  November 2013-October 2014 | | | |
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| Publications |  | |
| *Articles, Peer-reviewed*   1. Balli ML, Dickey TA, Purvis RS, **Warmack TS**, Riklon S, McElfish PA. “You Want to Give the Best Care Possible, and You Know When They Leave Your Pharmacy, You Didn’t Give the Best Care Possible Most of the Time”: Pharmacist- and Community Health Worker-Identified Barriers and Facilitators to Medication Adherence in Marshallese Patients. *Journal of Racial and Ethnic Health Disparities*. 2019:1-8 2. McElfish PA, Balli ML, Hudson JS, Long CR, Hudson T, Wilmoth R, Rowland B, **Warmack TS**, Purvis RS, Schulz T, Riklon S, Holland A, Dickey TA. Identifying and Understanding Barriers and Facilitators to Medication Adherence Among Marshallese Adults in Arkansas. *Journal of Pharmacy Technology*. 2018 July. <https://doi.org/10.1177%2F8755122518786262> 3. McElfish PA, Moore R, Buron B, Hudson J, Long CR, Purvis RS, Schultz TK, Rowland B, **Warmack TS**. Integrating interprofessional education and cultural competency training to address health disparities. *Teach Learn Med.* 2018; 30(2) https://doi.org/10.1080/10401334.2017.1365717 4. McElfish PA, Hudson J, Schulz TK, **Warmack TS**, Moore R, Purvis RS, Dalke M, Buron B. Developing an Interprofessional Student-Led Clinic to Address Health Disparities in a Pacific Islander Migrant Community. *Journal of Student-Run Clinics*. 2017;3(1):1-7. ISSN 2474-9354 5. Purvis RS, Abraham TH, Long CA, Stewart MK, **Warmack TS**, Mcelfish PA. Qualitative Study of Participants’ Perceptions and Preferences Regarding Research Dissemination. *AJOB Empirical Bioethics*. 2017 Mar 27.http://dx.doi.org/10.1080/23294515.2017.1310146 6. Mcelfish PA, Rowland B, Long CA, Hudson JS, Piel M, Buron B, Riklon S, Bing WI, **Warmack TS**. Diabetes and Hypertension in Marshallese Adults: Results from Faith-Based Health Screenings. *J Racial Ethn Health Disparities*. 2017;4(6):1042-1050.(Epub 2016 Oct 26). doi: 10.1007/s40615-016-0308-y PMID: 27837454. 7. Long CA, Stewart MK, Cunningham TV, **Warmack TS**, Mcelfish PA. Health Research Participants’ Preferences for Receiving Research Results. *Clinical Trials*. 2016:13(6); 582-591. doi: 10.1177/1740774516665598 8. Mcelfish PA, Purvis RS, Kohler PO, Smith CE, **Warmack S**, Buron B, Hudson JS, Bridges MD, Rubon-Chutaro J. Community-driven research agenda to reduce health disparities. *Clinical and Translational Science* 2015 Dec;8(6):690-5. doi: 10.1111/cts.12350. Epub 2015 Nov 17. 9. Stowe CD, Castleberry AN, O’Brien CE, Flowers SK, **Warmack TS**, Gardner SF. Development and implementation of the multiple mini-interview in pharmacy admissions. *Currents in Pharmacy Teaching and Learning*, Volume 6, Issue 6, November–December 2014, Pages 849–855. doi: 10.1016/j.cptl.2014.07.007 10. **Warmack TS**, Gubbins PO. Liposomal Amphotericin B: A Review of Its Use in the Treatment of Invasive Fungal Infections. *Clinical Medicine Reviews in Therapeutics* 2010:2:313–329 doi: 10.4137/CMRT.S582 11. **Warmack TS**, Estes MA, Heldenbrand SD, Franks AM. β-Adrenergic Antagonists in Hypertension: A Review of the Evidence. *Annals of Pharmacotherapy* 2009;43:2031-43 PMID:19934392 12. Mitchell LA, Bradsher RW, Paden TC, Malak SF, **Warmack TS**, Nazarian SM, Fitzgerald RT, Bansal D, Carrouth DA, Khan MA, Shah SV. Tularemia Induced Bilateral Optic Neuritis. *Journal of the Medical Society of Arkansas* 2006; 102:246-249 PMID:16562762 13. Amsden JR, **Warmack TS**, Gubbins PO. Tick Borne Bacterial, Rickettsial, Spirochetal, and Protozoal Infectious Diseases in the United States: A Comprehensive Review. *Pharmacotherapy* 2005; 25(2):191-210 PMID:15767235 14. McConnell SA, Penzak SR, **Warmack TS**, Anaissie EJ, Gubbins PO. Incidence of Imipenem Hypersensitivity Reactions in Febrile Neutropenic Bone Marrow Transplant Patients with a History of Penicillin Allergy. *Clinical Infectious Diseases* 2000; 31:1512-1514 PMID:11096026   *Book Chapters, Peer-reviewed*   1. **Warmack TS**, Dickey TA. Vector-Borne Disease, Book 3 – Infection Primary Care, Ambulatory Care Self-Assessment Program (ACSAP), American College of Clinical Pharmacy, September 2016, First Edition ISBN-13: 978-1-939862-33-4 2. Jones KM, Neill KK, **Warmack TS**. Chapter 34 Electrolyte Disorders. In: Sutton SS, ed. McGraw-Hill’s NAPLEX Review Guide, *1st ed*. New York: McGraw Hill 2011. ISBN-13: 978-0-07-163012-2, *2nd ed*. New York: McGraw Hill 2014. ISBN-13: 978-0-07-181342-6 3. Amsden JR, **Warmack TS**, Gubbins PO. Zoonoses, Book 6 - Infectious Diseases, Pharmacotherapy Self-Assessment Program (PSAP), American College of Clinical Pharmacy, 2005, Fifth Edition, 1-42 ISBN 1-932658-11-4  Abstracts and PresentationsOral Presentations International Meetings  McElfish PA, **Warmack TS**, Buron B, Smith CE. Interprofessional Collaboration and Student Service Learning to Meet Health Disparities Identified Through CBPR. Collaborating Across Borders-V. Roanoke, Virginia, USA; October 2nd, 2015 **[Oral Presentation]** Posters International Meetings  Hudson J, Hennessey V, Peter C, Coulter L, Balli M, Mickey H, **Warmack TS**. Partnership with an Independent Community Pharmacy to Address Medication Adherence in Marshallese Patients Residing in Northwest Arkansas: Program Development and Initial Results. Gathering for Pacific Island Health. Honolulu, HI. October 2017  Balli M, Hudson J, Schulz Tk, **Warmack TS**, Coulter L. Lessons Learned from 100 Patients: A Review of Clinical Parameters from 100 Marshallese Patients Treated in a Student-Run Clinic. Gathering for Pacific Island Health. Honolulu, HI. October 2017  National Meetings  Heldenbrand SD, Flowers SK, Neill KK, **Warmack TS**, Franks AM, Olsen KM. Improving the Multiple Mini-Interview Process for a More Holistic Applicant Review. *American Journal of Pharmaceutical Education 2016; 80 (5) Article S2.* **[Abstract**] 117th Annual Meeting of the American Association of Colleges of Pharmacy, Anaheim, California, July 23-27, 2016. **[Poster]**  Dayer, LE, **Warmack TS**, Flowers, SK. Variations of Campus Assignment Policies at Colleges of Pharmacy with Distant Campuses. *American Journal of Pharmaceutical Education 2014; 78 (5):* Article 111 **[Abstract]** 115th Annual Meeting of the American Association of Colleges of Pharmacy, Grapevine, Texas, July 26-30, 2014 **[Poster]**  Claborn, MK, Seaton, VS, **Warmack TS**. The “ABCDs” of Interprofessional Screenings: Aspirin Therapy, Blood Pressure, Cholesterol and Diabetes. *American Journal of Pharmaceutical Education 2013;77:Article 109* **[Abstract]** 114th Annual Meeting of the American Association of Colleges of Pharmacy, Chicago, Illinois, July 13-17, 2013 **[Poster]**  Gubbins PO, Schneider EF, Carle MH, Neill KK, Jones KM, **Warmack TS**, Heldenbrand S. Student’s Assessment of Whether Report Cards Provide Valuable Feedback on Their Exam Performance. *American Journal of Pharmaceutical Education 2012; 76 (5): Article 99*, **[Abstract**] 113th Annual Meeting of the American Association of Colleges of Pharmacy Kissimmee, Florida, July 14-18, 2012 **[Poster]**  Neill KK, **Warmack TS**, Johnson JT, Gubbins PO, Schneider EF, Carle MH. Implementation of a Faculty Item Review Process for Examination Content in the Therapeutics Coursework*. American Journal of Pharmaceutical Education 2010; 74 (5) Article 96*. **[Abstract ].** 111th Annual Meeting of the American Association of Colleges of Pharmacy, **[Poster]** Seattle, Washington, July 10-14, 2010  Franks AM, **Warmack TS**, West DS. Cardiometabolic risk factor knowledge of participants in a worksite health screening. *Pharmacotherapy 2009;29(3):36e* **[Abstract 3].** 2009 American College of Clinical Pharmacy/European Society of Clinical Pharmacy International Congress on Clinical Pharmacy. April 26, 2009. Orlando, Florida.  Franks AM, **Warmack TS**, West DS. Cardiometabolic risk factor knowledge of participants in a worksite health screening. 2009 ACCP/ESCP International Congress on Clinical Pharmacy.  **[Poster]** Orlando, FL, April 24–28, 2009  Stowe CD, Flowers S, **Warmack TS**, O’Brien CE, Gardner SF. Admission Objective Structure Clinical Examination (OSCE): Multiple Mini-Interview (MMI). AACP/AFPC Annual Meeting. **[Poster]** Chicago, Illinois, July 20-21, 2008  Stowe CD, O’Brien CE, **Warmack TS**, Gardner SF. Communication skill development: OSCE assessment of lay and healthcare provider encounters. *American Journal of Pharmaceutical Education 2007; 71 (3) Article* 60. **[Abstract]** 108th Annual Meeting of the American Association of Colleges of Pharmacy **[Poster]**, Orlando, Florida, July 14-17, 2007  Franks AM, **Warmack TS**, West DS. Pharmacist-provided metabolic syndrome screening and educational program reduces prevalence of cardiometabolic risk factors **[Abstract 7E]**. *Pharmacotherapy 2007(4):e11*. American College of Clinical Pharmacy 2007 Spring Practice and Research Forum **[Poster].** April 23, 2007. Memphis, Tennessee. Encore presentation  Franks AM, **Warmack TS**, West DS. Pharmacist-provided metabolic syndrome screening and educational program reduces prevalence of cardiometabolic risk factors**. [Abstract P47]** In: *Circulation 2007; 115;214-301*. 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in association with the Council on Nutrition, Physical Activity, and Metabolism **[Poster],** February 2007, Orlando, Florida  Granberry MC, Johnson JT, Myatt S, McAfferty R, Sabbe J, *Warmack S*, Smith ES. Comparison of evidence-based medicine knowledge between physician faculty, physician residents, and pharmaceutical industry representatives. **[Abstract 38]** In: *Pharmacotherapy 2003 23(3):396-397*.  Williams YK, **Warmack TS**, McConnell SA. Retrospective review of community-acquired pneumonia patients receiving warfarin: focusing on changes in INR. **[Poster]** ASHP Midyear Clinical Meeting, December 2002, Atlanta, GA  Thomas MK, Christensen KJ **Warmack TS**, McConnell SA. Concomitant use of levofloxacin and warfarin: Identifying changes in INR. **[Poster]** ASHP Midyear Clinical Meeting, December 2001, New Orleans, LA.  McConnell SA, Warmack TS, Penzak SR, Anaissie EA, Gubbins PO. Incidence of imipenem hypersensitivity reactions in febrile neutropenic bone marrow transplant patients with self-reported penicillin allergy. **[Abstract 1088-M]** In: Programs and Abstracts of the 39th Interscience Conference of Antimicrobial Agents and Chemotherapy, 26-29 September 1999, San Francisco, CA.   Invited Presentations Observational Studies. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, February 2 & 23, 2011  BCPS Review - Nephrology. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, May 10, 2010  BCPS Review – Electrolyte Disorders. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, March 2 & 3, 2010  An update on *Clostridium* difficile Infection. 43rd Annual Arkansas Association of Health-System Pharmacists Fall Seminar. October 8, 2009. Little Rock, Arkansas  An update on *Clostridium difficile* Infection. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, September 23, 2009.  Drug-induced Hematological Disorders. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, August 1, 2007  Drug-induced Gastrointestinal Disorders. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, July 25, 2007  Diabetic Foot Infections. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, May 25, 2005  Sodium Disorders, Noon Conference, Department of Family and Preventive Medicine, Little Rock, Arkansas, April 20, 2004  Tick-Borne Illness. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, October 17, 2001  Tick-Borne Illness. Arkansas Pharmacists Association 119th Annual Convention, Hot Springs, Arkansas, June 21, 2001 Panel Discussion Fayetteville 101: Healthcare Panel. Fayetteville Chamber of Commerce, September 19th, 2013  Infectious Disease: Truth & Consequences. Science Café. Little Rock, Arkansas, April 22, 2008 Continuing Education Programs Drug-induced Gastrointestinal Disorders. Baptist Health Medical Center, Little Rock, Arkansas, August 30, 2007  Drug-induced Hematological Disorders*.* Pharmacist Continuing Education Program. Sandestin, Florida, August 9, 2007  Drug-induced Gastrointestinal Disorders*.* Pharmacist Continuing Education Program. Sandestin, Florida, August 9, 2007  Diabetic Foot Infections. Pharmacist Continuing Education Program. Little Rock, Arkansas, November 20, 2005  Diabetic Foot Infection, Learn at Noon, Live Continuing Education Program for Pharmacists. Little Rock, Arkansas, March 4, 2003  Tick-borne Illness. Pharmacist Continuing Education Program. Sandestin, Florida, September 12, 2003  Tick-borne Illness. Pharmacist Continuing Education Program. Fort Smith, Arkansas, June 3, 2001  Tick-borne Illness. Learn at Noon, Live Continuing Education Program for Pharmacists. Little Rock, Arkansas, June 19, 2001  Antibiotic resistance in gram positive organisms. Learn at Noon, Live Continuing Education Program for Pharmacists. Little Rock, Arkansas, April 18, 2000 | |