

GAVIN D. JONES, PHD, PHARM D, BCPS

UAMS Medical Center
4301 W. Markham St., Slot #571
Little Rock, Arkansas 72205

Office: 501.686.6858
Pager: 501.405.9916
Fax: 501.296.1133

GDJones@uams.edu

PROFESSIONAL EXPERIENCES

CLINICAL PHARMACY SPECIALIST Emergency Medicine UAMS Medical Center Little Rock, Arkansas	2015 – Present
ASSISTANT PROFESSOR OF PHARMACY PRACTICE UAMS College of Pharmacy (COP) Little Rock, Arkansas	2015 – Present
CLINICAL CONSULTANT Food and Drug Administration, Monographs Division National Center for Toxicological Research (NCTR) Jefferson, Arkansas	2015 – 2016
STAFF PHARMACIST UAMS Medical Center – Inpatient Pharmacy Little Rock, Arkansas	2014 – Present
STAFF PHARMACIST Remedy Drug Little Rock, Arkansas	2014 – 2015
CLINICAL INSTRUCTOR UAMS-COP, Little Rock, Arkansas	2014 – 2015
PHARMACY INTERN Remedy Drug Little Rock, Arkansas	2013 – 2014
PHARMACY INTERN Walgreens #10240 Bryant, Arkansas	2012 – 2013
PHARMACY INTERN USA Drug #1005 Little Rock, Arkansas	2010 – 2012
ASSISTANT PROFESSOR OF CHEMISTRY Arkansas Tech University Russellville, Arkansas	2007 – 2010

EDUCATION/TRAINING

PGY-1 PHARMACY PRACTICE RESIDENCY UAMS Medical Center, Little Rock, Arkansas	2014 – 2015
DOCTOR OF PHARMACY – WITH HONORS IN RESEARCH UAMS, Little Rock, Arkansas	2010 – 2014
DOCTOR OF PHILOSOPHY – ORGANOMETALLIC CHEMISTRY Dissertation: <i>Exploring the Chemistry of Intermediates in the Nickel Catalyzed Cross-Coupling of Alkyl Electrophiles</i> University of Arkansas, Fayetteville, Arkansas	2003 – 2007
BACHELOR OF SCIENCE IN CHEMISTRY Louisiana State University in Shreveport (LSUS), Shreveport, Louisiana Degree Conferred: December 2002	1999 – 2002

CERTIFICATIONS AND LICENSURES

Board Certified Pharmacotherapy Specialist	2016 – Present
Emergency Neurological Life Support (ENLS)	2016 – Present
Teaching Certificate, UAMS College of Pharmacy	2015
Pharmacist Licensure – Arkansas, #PD12620	2014 – Present
Advanced Cardiovascular Life Support (ACLS) Provider	2013 – Present
Basic Life Support (BLS) for Healthcare Providers (CPR & AED)	2010 – Present

PROFESSIONAL AFFILIATIONS (CURRENT)

American Association of Colleges of Pharmacy (AACP)	2015
American Society of Health-System Pharmacists (ASHP)	2014
American College of Clinical Pharmacy (ACCP)	2014
UAMS-COP Alumni Association	2014
Arkansas Association of Health-System Pharmacists (AAHP)	2011
Arkansas Pharmacists Association (APA)	2010
University of Arkansas Alumni Association (Lifetime Member)	2007
Louisiana State University in Shreveport Alumni Association	2002
National Eagle Scout Association (Lifetime Member)	1998

LEADERSHIP AND SERVICE (SELECTED)

Sepsis Task Force, UAMS Emergency Department	2016 – Present
Pharmacy Residency Advisory Council, UAMS Medical Center	2016 – Present
Sepsis Workgroup, UAMS Medical Center	2016 – Present
College of Pharmacy Faculty Mentor	2015 – 2016
UAMS House of Delegates, COP representative	2015 – 2016
Pharmacy and Therapeutics Committee, UAMS Medical Center member	2014 – 2015
College of Pharmacy Curriculum Committee P4 – Alternate Member (2013-2014), P3 – Member (2012-2013)	2012 – 2014
Phi Lambda Sigma President (Beta Upsilon Chapter)	2012 – 2013
Am. Soc. of Trans. Organ Donor Awareness Workgroup participant	2012 – 2013
Community Health Screenings participant Super D Drug and various USA Drugs stores	2011 – 2013
P1 Class President	2010 – 2011

TEACHING EXPERIENCES

UAMS – ASSISTANT PROFESSOR

PGY-2 Critical Care Resident, Emergency Medicine Preceptor	2016
Clinical Pharmacy Research, Assistant Professor	2016
Principles of Drug Actions, Assistant Professor	2016
Therapeutics I, Assistant Professor	2016
P2, P3, P4, and PGY-1 Shadowing Pharmacists	2015 – Present
P3 and P4 Mentor for CE presentations	2015 – 2016
Aseptic Technique Lab, Assistant Professor	2015

UAMS – PGY-1 RESIDENCY

Principles of Drug Actions, Lecturer	2015
Co-preceptor of 2-P4 APPE learners in Burn Unit	2015
Therapeutics I Recitation, Instructor	2015
Smoking Cessation Class for UAMS employees and patients	2014
Co-preceptor of 2-P4 APPE learners in MICU	2014
Therapeutics II Recitation, Instructor	2014

UAMS – PHARMACY SCHOOL

Principles of Drug Actions, Lecturer	2014
Therapeutics I Supplemental Instruction, Instructor	2013
Principles of Drug Actions, Tutor	2012

ARKANSAS TECH UNIVERSITY – DEPARTMENT OF PHYSICAL SCIENCES

Organic I and II Chemistry with Lab, Assistant Professor	2007 – 2010
Survey of Chemistry with Lab, Assistant Professor	2008 – 2010
Assistant Professor of Undergraduate Research	2008 – 2010
Advanced Inorganic Chemistry with Lab, Assistant Professor	2008 – 2009
General Chemistry I with Lab, Assistant Professor	2007 – 2009

UNIVERSITY OF ARKANSAS – DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Experimental Methods of Organic and Inorganic Analysis, Lab Instructor	2005
Organic I Chemistry Drill Session, Instructor	2005
General Chemistry I Drill Session, Instructor	2003

CONTINUING EDUCATION DELIVERED

ACCREDITATION COUNCIL FOR PHARMACY EDUCATION APPROVED

• Anticoagulant Reversal Strategies – 1.0 hour	2016
• Pharmacists in the Emergency Department – 1.0 hour	2016
• Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set – 0.5 hour	2015

ARKANSAS STATE BOARD OF PHARMACY APPROVED

• Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set – 0.5 hour	2015
• Heart Failure...Past, Present, and the new PARADIGM – 1 hour x2	2015
• JNC 8 Evidenced Based Guidelines for Hypertension – 0.5 hour	2014
• ACLS for the Pharmacist – 0.5 hour	2013

AWARDS, HONORS, AND FUNDING (SELECTED)

The Rho Chi Society, Beta Iota chapter	2015
UAMS Pharmacy Practice "Rock Star" Resident Award	2015
Natural Medicines Comprehensive Database Recognition Award	2014
Kappa Psi Pharmaceutical Fraternity Scholarship Honors	2013
Class of 2004 Scholarship (\$ 1,000)	2012 – 2013
Phi Lambda Sigma, Beta Upsilon chapter	2012 – 2014
Class of 2003 Doug Eoff Scholarship (\$ 1,000)	2011 – 2012
CVS/Caremark Pharmacy Scholarship (\$ 1,000)	2011 – 2012
45 th Annual AAHP Poster Presentation Award (\$ 500)	2011
Summer Research Fellowship (\$ 4,000)	2011

RESEARCH EXPERIENCES

PRINCIPAL INVESTIGATOR	2015 – Present
UAMS COP – Co-workers: Geoffrey Curran, PhD; Kelsey McCain	
– Integration of Clinical Pharmacy Services into Emergency Medicine: Cost Avoidance and Qualitative Outcomes	
CO-PRINCIPAL INVESTIGATOR	2014 – 2016
UAMS Medical Center – Advisor: Ashley Wilson, PharmD, BCPS	
– Revision, Implementation, and Evaluation of Diabetic Ketoacidosis (DKA) and Hyperosmolar Hyperglycemia state (HHS) Order Set	
PHARMACY RESEARCH FELLOW	2011 – 2013
UAMS College of Pharmacy – Advisor: Seth Heldenbrand, PharmD	
– A Single-center Historical Control Analysis of Outcomes and Usage Patterns of Generic and Brand Name Tacrolimus in Dual Cohorts of de novo Liver and Kidney Transplant Recipients	
PRINCIPAL INVESTIGATOR	2009 – 2010
Arkansas Tech University	
– Synthesis of New 4,5-disubstituted Acridine Derivatives and Preliminary Study of their Biological Activity	
GRADUATE STUDENT RESEARCHER	2003 – 2007
University of Arkansas – Advisor: David Vicic, PhD	
– Exploring the Chemistry of Intermediates in the Nickel Catalyzed Cross-Coupling of Alkyl Electrophiles	
UNDERGRADUATE STUDENT RESEARCHER	2000 – 2002
Louisiana State University in Shreveport – Advisor: Elizabeth Zippi, PhD	
– Differential Scanning Calorimetry of Styrene-Based Polymers	

PUBLICATIONS

PEER REVIEWED

- 1) Jones, G. D.; McCain, K.; Curran, G. "Implementation and Impact of Pharmacy Services in an Adult Academic Level 1 Trauma Center Emergency Department" 2016, *in preparation*
- 2) Jones, G. D.; Wilson, A. "Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia state Order Set" 2016, *submitted*
- 3) Heldenbrand, S.; Jones, G. D.; Bornhorst, J.; Payakachat, N. "Extended Comparison of Therapeutic Treatment Outcomes of *de novo* Liver and Kidney Transplant Recipients with Generic Tacrolimus (Sandoz™) or Brand Name (Prograf®)" *American Journal of Transplantation* 2012, 12(S3), 240.
- 4) Jones, G. D.; Vivic, D. A. "Exploring the Synthesis and Use of Well-Defined Adamantylzinc Bromide Complexes for Alkyl-Alkyl Cross-Coupling Reactions" *Acta Chimica Slovenia* 2007, 54, 849-853.
- 5) Schouteeten, S.; Allen, O. R.; Haley, A. D.; Ong, G. L.; Jones, G. D.; Vivic, D. A. "A Robust Dimethyl Complex of Gold Stabilized by a Pyridylpyrrole-based Ligand" *J. Organometallic Chem.* 2006, 691, 4975-4981.
- 6) Jones, G. D.; McFarland, C.; Allen, O. R.; Martin, J. L.; Hall, R. E.; Haley, A. D.; Brandon, R. J.; Kanovalova, T.; Desrochers, P. J.; Pulay, P.; Vivic, D. A. "Ligand Redox Effects in the Synthesis, Electronic Structure, and Reactivity of an Alkyl-Alkyl Cross-Coupling Catalyst" *J. Am. Chem. Soc.* 2006, 128, 13175-13183.
- 7) Hutchison, J. M.; Lindsay, H. A.; Dormi, S. S.; Jones, G. D.; Vivic, D. A.; McIntosh, M. C. "Approach to the Synthesis of Cladiell-11-ene-3,6,7-triol" *Org. Lett.* 2006, 17, 3663-3665.
- 8) Kazi, A. B.; Jones, G. D.; Vivic, D. A. "Observed Instability of Bound Pybox Ligands Towards Acetate Counter-ions" *Organometallics* 2005, 24, 6051-6054.
- 9) Jones, G. D.; McFarland, C.; Anderson, T. J.; Vivic, D. A. "Analysis of Key Steps in the Catalytic Cross-Coupling of Alkyl Electrophiles Under Negishi-like Conditions" *Chem. Commun.*, 2005, 4211-4213.
- 10) Jones, G. D.; Vivic, D. A. "A 1-Norbornene Adduct of a Transition-Metal, and an Electrochemical Study of the Bridgehead Olefin Complex" *Organometallics* 2005, 24, 3821-3823.
- 11) Desrochers, P. J.; Brown, J. R.; Arvin, M. E.; Jones, G. D.; Vivic, D. A. "Structure of Bis[hydrotris(4-chloro-3,5-dimethylpyrazolyl)borate] nickel(II)" *Acta Cryst.* 2005, E61, m1455-m1458.
- 12) Anderson, T. J.; Jones, G. D.; Vivic, D. A. "Evidence for a Ni(I) Active Species in the Catalytic Cross-Coupling of Alkyl Electrophiles" *J. Am. Chem. Soc.* 2004, 126, 8100-8101. *erratum* p. 11113.
- 13) Jones, G. D.; Anderson, T. J.; Chang, N.; Brandon, R. J.; Ong, G. L.; Vivic, D. A. "Probing the Interactions of Transition-Metal Complexes Bound at the Ortho Position of Substituted Biphenyls" *Organometallics* 2004, 23, 3071-3074.
- 14) Hoffmeyer, M. R.; Jones, G.; Zippi, E. M. "Differential Scanning Calorimetry of Styrene-Based Polymers" *Journal of Undergraduate Chemistry Research* 2002, 3, 137-140.

BOOK CHAPTER

- 1) Vivic, D. A.; Jones, G. D. "Experimental Methods & Techniques: Basic Techniques" *Comprehensive Organometallics Chemistry III, 13-Volume Set, 1-13*, Crabtree and Mingos ed., Elsevier, 2006, 1.07, 197-218.

STANDARDIZED EXAMINATION

- 1) Jones, G. D. et. al. "2010 First Term Organic Exam - Exam for first term of two term organic chemistry sequence." *American Chemical Society Division of Chemical Education – Exams Institute, ACS, OR10F*, 2010.

MAGAZINE FEATURES

- 1) "Survey Details Prescription Drug Monitoring Usage" *AR•Rx The Arkansas Pharmacist*, Fall 2014 issue, Arkansas Pharmacist Association pg 23-24. Co-authored with Stephanie Gardner, PharmD, EdD – Dean of UAMS College of Pharmacy
- 2) "Student News" *Pharmacy Magazine*, Spring 2012 issue, UAMS College of Pharmacy pg 27.
- 3) "Student News" *Pharmacy Magazine*, Fall 2012 issue, UAMS College of Pharmacy pg 14, 35, and 37.
- 4) "Alumni Spotlight" *LSUS Magazine*, Fall 2007 issue, LSUS Alumni Association pg 12.

PUBLICATIONS (CONT'D)

TELEVISION FEATURE

- 1) "Heat Stroke", UAMS Emergency Department Simulation for KARK (NBC affiliate) news, Little Rock, Arkansas: link to clip: <http://www.onenewspage.us/video/20150819/3221018/Diagnosing-Heat-Illness.htm>

RESEARCH PRESENTATIONS

- 1) **SEPTEMBER 2016**, 50th Annual Fall Seminar of Arkansas Association of Health-System Pharmacists, Hot Springs, Arkansas: Poster Presentation, presented by research student Kelsey McCain. *"Integration of Clinical Pharmacy Services into Emergency Medicine: Cost Avoidance and Qualitative Outcomes"*
- 2) **OCTOBER 2015**, 49th Annual Fall Seminar of Arkansas Association of Health-System Pharmacists, Little Rock, Arkansas: Poster Presentation. *"Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set"*
- 3) **MAY 2015**, Central Arkansas Residency Conference, Little Rock, Arkansas: Oral Presentation. *"Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set"*
- 4) **MAY 2015**, 41st Annual Midwest Pharmacy Residents Conference, Omaha, Nebraska: Oral Presentation. *"Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set"*
- 5) **JUNE 2012**, American Transplant Congress, Boston, Massachusetts: Poster Presentation. *"Extended Comparison of Therapeutic Treatment Outcomes of de novo Liver and Kidney Transplant Recipients with Generic Tacrolimus (Sandoz™) or Brand Name (Prograf®)"*
- 6) **OCTOBER 2011**, 45th Annual Fall Seminar of Arkansas Association of Health-System Pharmacists, Little Rock, Arkansas: Poster Presentation. *"A Single-center Historical Control Analysis of Outcomes and Usage Patterns of Generic and Brand Name Tacrolimus in Dual Cohorts of de novo Liver and Kidney Transplant Recipients"*
- 7) **JULY 2006**, Gordon Research Conference in Organometallic Chemistry, Salve Regina University, Newport, Rhode Island: Poster Presentation. *"Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions"*
- 8) **MAY 2006**, NIH NCRR COBRE Center for Protein Structure and Function Symposium and Meeting of Advisory Committee, University of Arkansas, Fayetteville, Arkansas: Poster Presentation. *"Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions"*
- 9) **MARCH 2006**, 231st National American Chemical Society Meeting, Atlanta, Georgia: Oral Presentation. *"Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions"*
- 10) **MARCH 2005**, 229th National American Chemical Society Meeting, San Diego, California: Poster Presentation. *"Synthesis of Unique Ni(I) and Ni(II) Alkyl Complexes"*
- 11) **MARCH 2004**, 227th National American Chemical Society Meeting, Anaheim, California: Poster Presentation. *"Manipulation of C(sp³) Bonds with Nickel Catalysts"*
- 12) **MARCH 2002**, 76th Louisiana Academy of Sciences Meeting, Baton Rouge, Louisiana: Poster Presentation. *"Differential Scanning Calorimetry of Styrene-Based Polymers"*

INVITED PRESENTATIONS

- 1) **OCTOBER 2016**, Arkansas Geriatric Education Collaborative CE Event, Little Rock, Arkansas: Oral Presentation. *"Anticoagulant Reversal Strategies"*
- 2) **SEPTEMBER 2016**, 50th Annual Fall Seminar of Arkansas Association of Health-System Pharmacists, Hot Springs, Arkansas: Panel Discussion. *"Pharmacists in the Emergency Department"*
- 3) **NOVEMBER 2015**, UAMS COP Dispensing Course (PHPR 4454), Little Rock, Arkansas: Oral Presentation. *"Me in the ED"*
- 4) **JULY 2015**, Arkansas PGY1 Residents, Little Rock, Arkansas: Oral Presentation. *"Research as a PGY1"*
- 5) **MAY 2015**, UAMS Clinical Decision Support Committee, Little Rock, Arkansas: Oral Presentation. *"Revision, Implementation, and Evaluation of Diabetic Ketoacidosis and Hyperosmolar Hyperglycemia State Order Set"*
- 6) **APRIL 2015**, UAMS Acute Care Surgery/SICU/Trauma Education Conference, Little Rock, Arkansas: Oral Presentation. *"Review of Bugs and Drugs"*
- 7) **APRIL 2013**, Arkansas Tech University Research Symposium, Russellville, Arkansas: Oral Presentation. *"Outcomes and Usage Patterns of Generic and Brand Name Tacrolimus of de novo Liver and Kidney Transplant Recipients"*