

CURRICULUM VITAE

DENISE D. RAGLAND

Associate Professor
Department of Pharmacy Practice
University of Arkansas for Medical Sciences
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PERSONAL DATA

Pharmacy License: Arkansas

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ACADEMIC QUALIFICATIONS

Residency in Pharmacy Practice July 1995 – June 1996
University of Arkansas for Medical Sciences
University Hospital
Little Rock, Arkansas

Doctor of Pharmacy Degree August 1991- May 1995
University of Arkansas for Medical Sciences *with high honors*
College of Pharmacy
Little Rock, Arkansas

PROFESSIONAL EXPERIENCE

Associate Professor July 2008- Present

Assistant Professor July 2001- June 2008
University of Arkansas for Medical Sciences, College of Pharmacy, Department of Pharmacy Practice, Little Rock, Arkansas. Teaching responsibilities have included co-ordination and teaching of Clinical Pharmacology and Therapeutics in Advanced Nursing Practice (Nusc 5043); development and instruction of Topics in Women's Health (PhPr 5242); ambulatory care lectures in Therapeutics (PhPr 5635); selected lectures in other courses; precepting 4th-year pharmacy students and pharmacy practice residents. Clinical responsibilities currently include diabetes education and clinical service at UAMS Women's Clinic (high-risk obstetrics), University Women's Health Clinic (high-risk obstetrics), UAMS Anticoagulation Clinic, and Arkansas Children's Hospital Specialty Clinic (adolescent type 2 diabetes).

Affiliated Health Staff Professional October 2005- Present
Medical Staff privileges at Arkansas Children's Hospital, Little Rock, Arkansas. Responsibilities include patient education and team management of type 2 diabetes mellitus in adolescents.

Relief Pharmacist
Cantrell Drug Store, Little Rock, Arkansas

May 2004- December 2007

Clinical Instructor July 1996 – June 2001
University of Arkansas for Medical Sciences, College of Pharmacy, Department of Pharmacy Practice, Little Rock, Arkansas. Responsibilities include development and instruction of Clinical Pharmacology and Therapeutics in Advanced Nursing Practice (Nusc 5043), selected lectures in other courses, precepting nontraditional PharmD students, patient education, clinical consultation at the Community Women’s Clinic and service through committee work.

Staff Pharmacist October 1995 – June 1996
Outpatient Pharmacy, John L. McClellan Veteran’s Administration Medical Center, Little Rock, Arkansas

PROFESSIONAL MEMBERSHIPS

American Association of Colleges of Pharmacy	Arkansas Pharmacy Association
American Association of Diabetes Educators	American Society of Health-System Pharmacists
American College of Clinical Pharmacy	Arkansas Society of Health-System Pharmacists
American Diabetes Association	

CERTIFICATIONS

Immunization Certification	Certified September 2007
Certified Diabetes Educator	Certified October, 2000; recertified 2005
NABP Diabetes Disease State Management	Certified September, 2000

PROFESSIONAL APPOINTMENTS AND SERVICE

National Level

American Diabetes Association (ADA) Health Care Professional Legal Advocacy Network, 2007 - Present

Expert Reviewer, *Chronic Medical Conditions during Pregnancy*, Pharmacotherapy Self-Assessment Program (PSAP VI). American College of Clinical Pharmacotherapy; 2007

Consultant Reviewer, *Saunders Nursing Drug Handbook*, 1999 – 2001

Regional Level

Monograph Review, *Hormone Replacement Therapy*. University Health-System Consortium, 2000

State Level

Telemedicine Consultant, Antenatal & Neonatal Guidelines, Education, & Learning System (ANGELS) Program, University of Arkansas for Medical Sciences, July 2003- Present

Arkansas Wellness Coalition, May 2001 – May 2005

Telemedicine Consultant, Rural Hospital Program, University of Arkansas for Medical Sciences, July 1998- 2002; 2007 - Present

University Level

Get Healthy UAMS Employee Wellness Screening, 2005, 2006, 2007

Committee for the Development of a Multi-Disciplinary Women’s Health Elective, 2000 (College of Pharmacy Representative)

Member, UAMS Clinical Skills Center Advisory Board, September 1999 – Present

Member, Telecommunications and Distance Learning Coordinating Committee (TDLC), Clinical Uses Sub-committee, University of Arkansas for Medical Sciences, September 1998- 2000

Member, Governance Council for the Rural Hospital Telehealth Grant Project, University of Arkansas for Medical Sciences, July 1998 – 2000

Member, House of Delegates, University of Arkansas for Medical Sciences, July 1996 – 1998

College Level

Member, Assessment Committee, 2006- Present

Member, Committee for Recommendations for Special Test Taking Accommodations, 2006- Present

Member, Student-Faculty Affairs Committee, 2005-Present

Arkansas State Legislative Health Fair. Diabetes and Osteoporosis Screening, 2003 &, 2005

Member, ACPE Self Study Assessment Committee, 2000 & 2007

Member, Admissions Committee, College of Pharmacy, 2001 – 2004

Member, By-laws Revision Committee, College of Pharmacy, 2003

Department Level

Chair, Northwest Arkansas Health Education Center (AHEC) Faculty Search Committee, 2007

Member, Faculty Recruitment Committee, 2005-2006

Chair, Adult Medicine Faculty Search Committee, 2003

Co-director, Pharmacy Clinical Encounters Program, UAMS College of Pharmacy, September 1999- Present

PROFESSIONAL PRACTICE EXPERIENCE

Clinical Pharmacist, University Women's Health Clinic, Freeway Medical Tower. (High-risk prenatal care). March 2007- Present

- *Developed new clinical service*

Clinical Pharmacist, Arkansas Children's Hospital Specialty Clinic (Adolescent type 2 diabetes mellitus); September 2005- Present

Clinical Pharmacist, University Women's Clinic (formally Community Women's Clinic), Pulaski County Central Health Unit, Little Rock, Arkansas, October 1998 – Present

- *Developed new clinical service*

Clinical Pharmacist, Palliative Care Team, University Hospital, University of Arkansas for Medical Sciences, Little Rock, Arkansas, June 1996 – September 1998

- *Developed new clinical service*

Clinical Pharmacist, Anticoagulation Clinic, Outpatient Center, University of Arkansas for Medical Sciences, Little Rock, Arkansas, July 1995 – Present

PEER-REVIEWED PUBLICATIONS

Ragland D, West D. A Descriptive Study of Pharmacy Students' Knowledge of and Attitudes toward Emergency Contraception. *American Journal of Pharmacy Education*, 2009;73(2);1-4..

Hopkins D, West D. Arkansas pharmacists' perceptions toward emergency contraception and nonprescription Plan B. *Pharmacy Practice* 2008;6:98-102.

Hopkins D, Boss M. Pharmacists' right to refuse to dispense prescriptions based on moral grounds; a national survey of state laws and regulations. *Hospital Pharmacy*, 2006;4 (12);1176-1179.

Hopkins D. Assessing the effectiveness of a student-driven course design as a teaching method. *Pharmacotherapy*, 2004;24(10) *Abstract*.

Hopkins D, Dajani N, West, D, Hong SH. Is prepregnancy body mass index predictive of insulin requirement during gestational diabetes mellitus? *Pharmacotherapy*, 2002;22(11) *Abstract*.

Bynum A, Hopkins D, Thomas A, Copeland N, Irwin C. The effect of telepharmacy counseling on metered-dose inhaler technique among adolescents with asthma in rural Arkansas. *Telemedicine Journal and e-Health*, 2001;7(3); 207-217

Gardner S, Stowe C, Hopkins D. A comparison of traditional testing methods and standardized patient examinations for therapeutics. *American Journal of Pharmacy Education*. Fall 2001.

McIntyre, WJ, Hopkins DD, Wolfe JJ. Assessing pharmacists' knowledge of cancer pain. *Journal of Pharmaceutical Care in Pain & Symptom Control*. 2000;8(2):75-83.

PEER-REVIEWED PODIUM PRESENTATIONS

Hopkins D, Dajani N. *Is Prepregnancy Body Mass Index Predictive of Insulin Requirement during Gestational Diabetes Mellitus?* Diabetes-in-Pregnancy Study Group of North America, Little Rock, Arkansas, May 2003

Bynum A, **Hopkins D**, Thomas A, Irwin C, Copeland N. *The Effect of Telepharmacy Counseling on Metered-Dose Inhaler Technique Among Adolescents with Asthma in Rural Arkansas*. World Congress of High-Tech Medicine, Hanover, Germany. October 2000.

Bynum A, **Hopkins D**, Thomas A, Irwin C, Copeland N. *The Effect of Telepharmacy Counseling on Metered-Dose Inhaler Technique Among Adolescents with Asthma in Rural Arkansas*. American Telemedicine Association, Phoenix, Arizona, May 2000

PEER-REVIEWED POSTER PRESENTATIONS

Houston C, Payakachat N, **Ragland D**. *Impact of Pharmacist Counseling on Patient Knowledge of Emergency Contraception*. Poster presentation: Arkansas Society of Health-System Pharmacists Fall Meeting, Little Rock, AR, Oct 8, 2009. *Awarded Best Poster*.

Ragland D, Banken, JA, Dajani N, Stinnett A, Hays EB. The Prevalence of Comorbid Depression in Women with Diabetes during Pregnancy. Poster presentation: International Symposium of Diabetes and Pregnancy, Sorrento Italy, March 26-28, 2009.

Ragland D, Bynum AB, Irwin CA, Johnson T. The Impact of Telehealth Counseling on Metered-Dose Inhaler Technique in Rural Arkansas. Poster presentation: American Pharmacists Association (APhA) 2009 Annual Meeting, San Antonio, TX, April 3-6, 2009. Abstract published in March/April 2009 issue of the Journal of the American Pharmacists Association (JAPhA).

Bynum AB, Irwin CA, Hadley MV, Vogel R, Evans P, **Ragland D**, Johnson T. *Impact of School Telehealth on Clinical Outcomes in Asthmatic Children*. Podium presentation; American Telehealth Association, 14th Annual International Meeting, Las Vegas, NV, April 26-28, 2009.

Hays EB, **Hopkins D**, Banken J, Dajani N. *The Incidence of Comorbid Depression in Patients with Diabetes in Pregnancy*. American Pharmacy Association, San Diego, California, March 2008. Awarded *the APhA Academy of Pharmacy Practice and Management Student Presentation Merit Award*.

Hopkins D, West D, Hays EB. *A Descriptive Study of Pharmacy Students' Knowledge of and Attitudes toward Emergency Contraception*. American Association of Colleges of Pharmacy, Orlando, Florida. July 2007

Hopkins D, West D. *A Descriptive Study of Arkansas Pharmacists' Knowledge of and Attitudes toward Emergency Contraception*. American Society of Health-System Pharmacists San Francisco, California. June 2007

Hopkins D, Boss M, Watson K. *Pharmacists' Right to Refuse to Dispense Prescriptions Based on Moral Grounds; a National Survey of State Laws and Regulations*. American Society of Health-System Pharmacists, Midyear Clinical Meeting and Exposition, Las Vegas, Nevada. December 2005

Hopkins D. *Assessing the Effectiveness of a Student-driven Course Design as a Teaching Method*. American College of Clinical Pharmacy, Dallas, Texas. October 2004

Hopkins D, Dajani N. *Is Prepregnancy Body Mass Index Predictive of Insulin Requirement during Gestational Diabetes Mellitus?* American College of Clinical Pharmacy, Albuquerque, New Mexico. October 2002

Gardner S, Stowe C, **Hopkins D**. *A Comparison of Traditional Testing Methods and Standardized Patient Examinations for Therapeutics*. American Association of Colleges of Pharmacy, Toronto, Canada. July 2001

Bynum A, **Hopkins D**, Thomas A, Irwin C, Copeland N. *The Effect of Telepharmacy Counseling on Metered-Dose Inhaler Technique Among Adolescents with Asthma in Rural Arkansas*. American College of Clinical Pharmacy, Salt Lake City, Utah, April 2001

McIntyre, **Hopkins D**, Wolfe J. *Assessing Pharmacists' Knowledge of Cancer Pain*. Arkansas Society of Health-System Pharmacists Fall Seminar, Little Rock, Arkansas. October 1998 *encore presentation*

McIntyre, **Hopkins D**, Wolfe J. *Assessing Pharmacists' Knowledge of Cancer Pain*. American Association of Colleges of Pharmacy Annual Meeting, Aspen, Colorado. July 1998

INVITED PRESENTATIONS

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|---------------------|--|
| <i>April 2009</i> | <i>Type 2 Diabetes Mellitus in Children and Adolescents</i>
UAMS Continuing Education Program
Little Rock, Arkansas |
| <i>October 2007</i> | <i>Ask the Experts (panel discussion)</i>
2 nd Annual Take Care of Your Diabetes Conference
UAMS Department of Endocrinology
Statehouse Convention Center
Little Rock, Arkansas |
| <i>October 2007</i> | <i>Do You Know Your ABCs?</i>
UAMS Rural Health Program Diabetes Support Groups via
telecommunications
Little Rock, Arkansas |
| <i>March 2007</i> | <i>Diabetes Review and Update</i>
Baptist Health Medical Center
Pharmacist Continuing Education
Little Rock, Arkansas |
| <i>October 2006</i> | <i>Emergency Contraception</i>
40 th Annual Fall Seminar
Arkansas Association of Health-System Pharmacists
Ridgedale, Missouri |
| <i>March 2006</i> | <i>New Treatment Options for Diabetes</i>
4 th Annual Diabetes Review: Broaden Your Horizons
UAMS Rural Hospital Program & Arkansas Dept of Health
Little Rock, Arkansas |

February 2004 *Managing Pregestational Diabetes*
20th Annual UAMS Perinatal Conference
Peabody Hotel
Little Rock, Arkansas

April 2004 *Resources for Diabetes Care*
UAMS Annual Diabetes Update
Holiday Inn Select
Little Rock, Arkansas

October 2003 *Pharmacologic Therapies for the Treatment of Diabetes Mellitus*
UAMS Rural Hospital Program & Arkansas Dept of Health
University of Arkansas for Medical Sciences, Little Rock, AR

October 2003 *Monitoring and Pattern Management of Diabetes Mellitus*
UAMS Rural Hospital Program & Arkansas Dept of Health
University of Arkansas for Medical Sciences
Little Rock, Arkansas

May 2003 *Pharmacological Management of Gestational Diabetes*
Association of Women's Health, Obstetric and Neonatal Nurses
Perinatal and Women's Health Continuing Education Program
University of Central Arkansas
Conway, Arkansas

March 2002 *Pharmacologic Therapies for the Treatment of Diabetes Mellitus*
From Start to Finish: A Comprehensive Diabetes Review for
Health Care Professionals
University of Arkansas for Medical Sciences
Little Rock, Arkansas

March 2002 *Monitoring and Pattern Management of Diabetes Mellitus*
From Start to Finish: A Comprehensive Diabetes Review for
Health Care Professionals
University of Arkansas for Medical Sciences
Little Rock, Arkansas

October 2001 *Medicinal Contraceptives*
Family Medicine Noon Conference
University of Arkansas for Medical Sciences
Little Rock, Arkansas

August 2001 *Asthma Devices, Action Plans, and Patient Education*
Wal-Mart Pharmacists Continuing Education lecture via
telecommunications
Bentonville, Arkansas

March 2001 *Update on the Treatment of Type 2 Diabetes Mellitus*
Continuing Education Lecture for Arkansas Pharmacists
University of Arkansas for Medical Sciences
Little Rock, Arkansas

July 1999 *Medical Nutrition Therapy in Diabetes Mellitus*
Diabetes Disease State Management Seminar
University of Arkansas for Medical Sciences
Little Rock, Arkansas

February 1999 *Exercise Therapy in Diabetes Mellitus*
Diabetes Disease State Management Seminar
University of Arkansas for Medical Sciences
Little Rock, Arkansas

GRANTS

The Impact of Pharmacist Counseling on Patient Knowledge of Emergency Contraception.

Pate A, **Ragland D**, Payakachat N.

2009 American Society of Health-System Pharmacists (ASHP) Foundation Fostering Young Investigators Pharmacy Resident Practice-Based Research Grant Program, unfunded
Ranked #5 out of 56 submissions; funding awarded to the top four.

Assessing Young Women and Their Provider's Knowledge, Attitudes and Practices on the Use of Dual Contraception to Prevent Unintended Pregnancy and Sexually Transmitted Infections (STIs)

Payakachat N, **Ragland D**, Davis K, Hitt WC, Hardin B

2009 CCTR Investigator-Initiated Grant, unfunded

Assessing Young Women and Their Provider's Knowledge, Attitudes and Practices on the Use of Dual Contraception to Prevent Unintended Pregnancy and Sexually Transmitted Infections (STIs)

Martin B, Payakachat N, **Ragland D**, Pulley L, Davis K, Hitt WC, Hardin B.

2009 CDC Health Promotion and Disease Prevention Research Center: Special Interest Project: DP09-0101SUPP09, unfunded

Telehealth Kids in Delta Schools: Asthma Telemonitoring Project

Bynum AB, Irwin CA; Hadley MV, Vogel R Evans P, **Ragland D**, Johnson T.

Funded by the Office for the Advancement of Telehealth, HRSA, DHHS.

Improving Prenatal Care of Women with Diabetes

Hopkins D.

2004 March of Dimes Community Grant Program, \$12,000

2005 March of Dimes Community Grant Program, \$6,000

2006 March of Dimes Community Grant Program, \$6,600

2008 March of Dimes Community Grant Program, unfunded

Remote Technologies for Diabetic Pregnancy Management

Lowery C, Dajani N, Britt, D, **Hopkins D.**

2004 National Institutes of Health submission, unfunded

Assessing the Effectiveness of Prenatal Diabetes Education

Hopkins D, PharmD, CDE

2003 March of Dimes Community Grant Program, unfunded

The Effect of Telepharmacy Education on Outcomes Related to Asthma Patient Self-management among Adults in Arkansas

Hopkins D, PharmD

2001 Merck Company Foundation Grant, unfunded

The Effect of Telepharmacy Counseling on Metered-dose Inhaler Technique among Adolescents with Asthma in Rural Arkansas. Bynum A, **Hopkins D**, Thomas A, Copeland N, Irwin C.

2000 Office for the Advancement of Telehealth, funded

TEACHING, Didactic

Ph Pr 5292 Diabetes Management elective, first approved and offered Fall 2008
Web-based electronic course of comprehensive diabetes management

PhPr 5654 Pharmacy Practice III, Spring 2008, 2009

Course coordinator

Vital Signs and BMI lab

Diabetes Foot Exam lab

Immunization lab

PhPr 5646: Therapeutics, Third-year Pharm.D. Students, current (2001- Present):

Diabetes Mellitus: Classification and Pathophysiology. One hour

Treatment of Type 1 Diabetes Mellitus. One hour

Diabetes Mellitus: Insulin pattern Management. One hour

Treatment of type 2 Diabetes Mellitus. One hour

Diabetes Mellitus: Complications. One hour

Contraception. One hour

Drug Use in Pregnancy. One hour

Hormone Therapy. One hour

NUSC 5303: Clinical Management of Child and Family, Master of Nursing Students:

Type 2 Diabetes Mellitus in Adolescents. Two hours. 2007

PhSci 4445: Pharmacokinetics, Guest lecturer, Second-year Pharm.D. Students:

Pharmacokinetics in Pregnancy. One hour. 2006- Present

PhPr 5824: Spanish for Pharmacists, Guest lecturer, Third-year Pharm.D. Students:

Medical Mission Service: a Honduran Experience. 2004- Present

PhPr 4224: Introduction to Patient Monitoring, Second-year Pharm.D. Students:

Pregnancy and Ovulation Test Kits. One hour lecture & 2 hour lab. 2003-2001

PhPr 5634: Physical Assessment, Second-year Pharm.D. Students (1999-1998):

Blood Glucose Monitoring. Two hour lab

Cholesterol Monitoring, Two hour lab

Pregnancy and Ovulation Test Kits. Two hour lab

NUSC 5034: Clinical Pharmacology and Therapeutics in Advanced Nursing Practice.

Master of Nursing Students, Coordinator and Lecturer. (Spring & Fall 1996-2002):

Pharmacology Basics. Three hours

Adverse Drug Reactions. One hour
Drug Interactions. One hour
Diabetes. Three hours
Thyroid disorders. 1.5 hours
Hormone Replacement Therapy. 1.5 hours
Pain Management. 1.5 hours
Asthma. 1.5 hours
COPD. 1.5 hours
Nonprescription Products. Three hours

PhPr 5292: Diabetes Elective, Third-year Pharm.D. Students (2004):

Medical Nutrition Therapy. One hour
Exercise and Diabetes. One hour
Carbohydrate Counting: the Basics. One hour
Diabetes in Pregnancy. One hour

PhPr 5646: Therapeutics Recitation, Third-year Pharm.D. Students, (1996-1998):

Group facilitator of small group, case-based learning

DEVELOPMENT OF ELECTIVE COURSES

PhPr 5892 Topics in Women's Health Elective Course Description: *Topics in Women's Health* is an elective course designed to expose the 3rd year pharmacy student to a variety of issues related to women's health. These issues include the prevention, diagnosis, and management of conditions or diseases that may be *unique* to women; that are *more prevalent* in women than in men; or that *manifest differently* in women than in men. The focus of the course is to provide a greater understanding and appreciation of the uniqueness of women related to their care. *Taught Fall 2005, Spring 2004, Fall 2003, Spring 2003*

PhPr 5842 Self-Directed Learning: CE Avenues Course Description:

It is recognized that pharmacy education has to be a lifelong process. The learning avenues and processes for the adult learner after graduation are considerably different from traditional entry-level education. Although there are many facets to self-directed learning including: independent study, problem based learning, small group learning, self and peer evaluation, self study materials, library work and projects, learning contracts, profiling, simulated patients and computer assisted instruction (CAI), this course concentrates on the most efficient avenues most likely to be used after graduation including ACPE approved continuing education via CAI, the Internet, and journals. *Taught Spring 1998*

TEACHING, *Experiential*

Pharmacy Student Preceptor, Ambulatory Care / Direct Patient Care, University of Arkansas for Medical Sciences College of Pharmacy. *115 students from 2001- Present*

Nontraditional Pharm.D. Student Preceptor, Ambulatory Care / Direct Patient Care, University of Arkansas for Medical Sciences College of Pharmacy. *53 students from 1999 - 2008*

Pharmacy Practice Resident Preceptor, Ambulatory Care / Direct Patient Care, University of Arkansas for Medical Sciences College of Pharmacy. *13 residents from 2003 - Present*

RESEARCH MENTORED

Houston C, Payakachat N, **Ragland D**. *Impact of Emergency Contraception Status and Unintended Pregnancy: Observational Data from a Routine Practice*. Pharmacy Practice Summer Research Fellowship Project. To be presented at American Pharmacy Association Annual Meeting, March 2010 at Washington, DC

Stinnett A, **Ragland D**, Banken, J, Dajani N, Davis EB. *The Incidence of Comorbid Depression in Patients with Diabetes and without Diabetes in Pregnancy*. Pharmacy Practice Resident Project presented at Mid-West Residency Conference, 2009, Omaha, NE.

Davis EB, **Hopkins D**, Banken J, Dajani N. *The Incidence of Comorbid Depression in Patients with Diabetes in Pregnancy*. Pharmacy Practice Summer Research Fellowship Project. Poster presentation at American Pharmacy Association Annual Meeting, March 2008 at San Diego, CA

Schmidt A, **Hopkins D**, Hong S. *Knowledge of Emergency Contraception among Teens Receiving Prenatal Care at an Urban Community Women's Health Clinic*. Pharmacy Practice Resident Project presented at Mid-West Residency Conference, 2005, Omaha, NE.

PROFESSIONAL DEVELOPMENT

International Workshop Conference on Gestational Diabetes, International Association of Diabetes in Pregnancy Study Groups (IADPSG), June 10-11, 2008, Pasadena, CA

Teaching with Technology Seminars, 2008, 2007

Teaching Scholars Program 2002-2003

COMMUNITY SERVICE

Volunteer Pharmacist, Christ the King Catholic Church Honduras Medical Mission, 2003, 2005

Volunteer Pharmacist, Westside Hispanic Free Clinic Volunteer. Little Rock, AR, 2002 – Present