

Nicki Hilliard, PharmD, MHSA, BCNP, FAPhA

CONTACT INFORMATION

University of Arkansas for Medical Sciences
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EDUCATION

Doctor of Pharmacy University of Arkansas for Medical Sciences, College of Pharmacy Little Rock, Arkansas	1996
Masters of Health Services Administration University of Arkansas at Little Rock Little Rock, Arkansas	1990
Authorized User of Radioactivity – Post graduate training Mercer University Atlanta, Georgia	1984
Bachelor of Science in Pharmacy University of Arkansas for Medical Sciences, College of Pharmacy Little Rock, Arkansas	1983
University of Arkansas, Pre-Pharmacy Fayetteville, Arkansas	1978-1980

PROFESSIONAL LICENSURE

Registered Pharmacist - Arkansas license #7086	1983-present
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CERTIFICATIONS

Board Certified Nuclear Pharmacist, BCNP Recertified in 1998, 2005, 2014	1991-present
Immunization Certification – Arkansas State Board of Pharmacy	2011
APhA Medication Therapy Management Certificate	2016

ACADEMIC APPOINTMENTS

Professor 2005-Present
Associate Professor 1997-2005
Assistant Professor 1991-1997
Department of Pharmacy Practice
University of Arkansas for Medical Sciences, College of Pharmacy

Associate Professor 1991-2000
Department of Nuclear Medicine Technology
University of Arkansas for Medical Sciences, College of Health Professions

Associate Professor 2005-Present
Department of Pharmaceutical Evaluation and Policy
University of Arkansas for Medical Sciences, Graduate School

Instructor of Radiopharmacy
Baptist Medical System School of Nuclear Medicine Technology

Instructor of Pharmacy and Nuclear Medicine
State of California Council of Private Postsecondary and Vocational Education
Cancer Foundation Medical Center School of Nuclear Medicine Technology
Santa Barbara, California

Instructor of Radiopharmacy 2001-2013
Jackson Memorial Hospital School of Nuclear Medicine Technology via distance education
Fort Lauderdale, Florida

Instructor of Nuclear Pharmacy 2006-2007
Medical University of South Carolina, (via distance education),

STAFF AND ADMINISTRATIVE POSITIONS

Business Manager 1999-Present
Nuclear Education Online – An Educational Consortium for Education in Nuclear Sciences
University of Arkansas for Medical Sciences / University of New Mexico

Adjunct Faculty 1991-Present
Department of Radiology
University of Arkansas for Medical Sciences, College of Medicine

Pharmacy Manager 1984-2000
Staff Pharmacist 1984
Syncor International Corporation
Little Rock, Arkansas

Community Pharmacist in Little Rock 1983-1984
Relief Pharmacist, Petty's Drug, Price Drug, and others

PROFESSIONAL SERVICE

American Pharmacists Association (APhA)

- 2017-2019 APhA President-Elect, President, Past President
- 2017 APhA Strategic Planning Committee, Chair
- 2017 APhA Awards Committee, Chair
- 2016 APhA-APPM Fellows Selection Committee
- 2015-2016 APhA-APPM Executive Committee, Past President
- 2013-2015 APhA-APPM President
- 2013-2015 APhA Board of Trustees
- 2013-2015 Strategic Planning Committee
- 2014-2015 Governmental Affairs Committee
- 2012-2013 APhA-APPM President Elect, Executive Committee
- 2005-2007 APhA-APPM Executive Committee
- 2005 – Present: APhA House of Delegates

Board of Pharmaceutical Specialties (BPS)

- 1991-1996 Council on Nuclear Pharmacy
 - Chair 1995; Vice-Chair 1994
- BCNP Exam Item Writer

Arkansas Pharmacist Association (APA)

- 2013-2016 Governmental Affairs Committee, Chair 2014-2016
- 2013-Present Provider Status Task Force, Chair
- 1986 Public Affairs Committee
- 1986 Young Pharmacists Task Force

U of A School of Nuclear Medicine Technology Advisory Committee	1985-2000
APhA Nuclear Pharmacy Section Education Committee Co-Chair - 1993	1993-Present
APhA Nuclear Pharmacy Section Professional Affairs Committee Chair – 1996	1993-1998
UAMS Task Force/Panel on Sexual Harassment	1993-1995
UAMS Committee for the Development of Self-Directed Learning	1993-2005
Kappa Epsilon, Alpha Theta Chapter - Advisor	1992-1999
Arkansas Society of Nuclear Pharmacy Founding President 1994	1994-95
APhA-APPM Section on Nuclear Pharmacy Practice Chair-Elect, Chair	1996-1998
Discovery Health Channel Health Professionals Panel	2000

APhA Nuclear Pharmacy Section Communications Committee	2000-Present
Publisher of the monthly Nuclear Pharmacist eNewsletter 1300 subscribers from U.S. and 36 countries (http://nuclearpharmacy.uams.edu/newsletter/)	2003-Present
APhA House of Delegates, APhA-APPM Delegate	2005-2007 2010 - Present
APhA-APPM Executive Committee Member-at-Large Awards Committee Chair 2005 Communications Committee Chair 2006	2005-2007
UAMS Teaching with Technology Committee Chair Organized Statewide Teaching with Technology Conference	2005 – Present 2005-2008 2006-Present
Arkansas Department of Health Pandemic Pharmacy Volunteer	2006 – Present
American Society of Nuclear Cardiology Radiation Safety Exam Writing Group	2008 - 2014 2008-2009
American College of Nuclear Medicine	2014-Present
UAMS College of Pharmacy Women’s Giving Circle Founding Member and Chair	2015-Present
UAMS Women’s Faculty Caucus Professional Development Day Committee	2016-2017

PROFESSIONAL ORGANIZATIONS

Arkansas Pharmacists Association
American Pharmaceutical Association
American Society of Health-Systems Pharmacists
Society of Nuclear Medicine
Kappa Epsilon Pharmacy Fraternity

AWARDS, HONOR SOCIETY, AND HONORS

UAMS Woman Faculty of the Year 2017

APhA Good Government Pharmacist of the Year 2016

Arkansas Pharmacists Association Bowl of Hygeia Award 2015

American College of Nuclear Medicine Personal Mentor of the Year 2015

UAMS Excellence in Educational Technology Award 2010

William H. Briner Distinguished Achievement in Nuclear Pharmacy Practice Award, 2008

Nuclear Education Online named 2007 Outstanding Distance Education Program by the Arkansas Distance Education Association

University of Arkansas System Teaching Scholar in Distance Learning 2000

Named a Fellow of the American Pharmaceutical Association 1999

American Pharmaceutical Association Award of Merit 1998

Rho Chi Honor Society

McNeil Award for achievement in pharmacy administration

Merck Sharp Dome Award

Graduated with honors from the University of Arkansas

INVITED PRESENTATIONS

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Milwaukee, Wisconsin, September 21, 1986.

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Miami, Florida, October 1, 1987.

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Fresno, California, April 1988.

Clinical Utilization of Indium-111 Autologous Leukocyte Imaging Nuclear Medicine Society; Las Vegas, Nevada, November 6, 1988.

Interventional Agents in Nuclear Medicine Nuclear Medicine Technologists of Arkansas Annual Symposium, Little Rock, Arkansas, September 1989.

Preparation and Clinical Utilization of Tc-99m HMPAO Leukocytes Syncor International Corp. Mid-South Region Managers Meeting, Gatlinburg, Tennessee, August 1990.

Focus on Positron Emission Tomography (PET), American Pharmaceutical Association Annual Meeting, March 19, 1994. Served as program coordinator and moderator.

Update on New Products and Drug Applications in Nuclear Medicine American Pharmaceutical Association Annual Meeting, Orlando, FL, March 18, 1995. Program coordinator and moderator.

New Advances in Neuroendocrine Tumor Imaging Arkansas Pharmacist Association Annual Meeting, Springdale, Arkansas, June 17, 1995

Nuclear Pharmacy Specialty 1996 Feurt Symposium, University of Tennessee College of Pharmacy, Memphis, TN, January 24, 1996.

Nuclear Pharmacy Resources on the Internet, American Pharmaceutical Association Annual Meeting, Nashville, TN, March 1996. Speaker and coordinator.

Navigating the Information Superhighway, Arkansas Pharmacist Association Annual Meeting, Little Rock, AR, June 1996.

The World Wide Web: Nuclear Medicine Resources, 23rd Annual Nuclear Medicine Symposium, Little Rock, AR, November 16, 1996

The World Wide Web: Nuclear Medicine Resources, Annual Nuclear Medicine Symposium, Springfield, MO, September 6, 1997

The World Wide Web: Nuclear Medicine Resources, Nuclear Medicine Technologists Meeting, Jackson, MS, March 1998

Drug - Radiopharmaceutical Interactions, Nuclear Medicine Technologists Meeting, Jackson, MS, March 1998

Drug - Radiopharmaceutical Interactions, Southwestern Chapter of the Society of Nuclear Medicine, Santa Fe, NM, March 1999.

Update on New Radiopharmaceuticals, Southwestern Chapter of the Society of Nuclear Medicine, Santa Fe, NM, March 1999.

Update on Nuclear Medicine, Arkansas State Department of Health Inspector Training, Little Rock, AR, July 1999

Career Opportunities in Pharmacy, 1999 APhA-ASP Region 6 Mid-Year Regional Meeting, Little Rock, AR, October 1999.

Using Adobe Acrobat in Education, UAMS Friday@Noon Computer Users Conference, December 1999.

Creating Graphics with Microsoft's PhotoDraw 2000, UAMS Friday@Noon Computer Users Conference, January 2000 and Teaching Scholars in Distance Learning Symposium, April 21, 2000.

Technology in Education Symposium, University of Arkansas for Medical Sciences, March, 2000

Mind Manager Software, UAMS Friday@Noon Computer Users Conference, August 2000.

Radiopharmacy Preceptor Training Workshop, University of New Mexico Continuing Education Program; San Francisco, CA March 2001

Technology for Distance Education, UA System Academy of Distance Learning, May 2001

New and Future Radiopharmaceuticals for Diagnosis. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

Quality Control of New Radiopharmaceuticals. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

New Radiopharmaceuticals and Quality Control Procedures. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

Classroom Performance System (CPS): Award Winning Education System in Use at UAMS. UAMS Friday@Noon Computer Users Conference, January 17, 2003.

Nuclear Medicine Evidence of the Changing Physiologic & Metabolic Status of the Geriatric Patient, American Pharmacists Association Annual Meeting, Seattle, WA, March 2004.

A Career Path in Nuclear Pharmacy:, Hendrix College, February 20, 2006

Workshop: Taking Your Online Program to a National Audience. Slice of Life Annual Meeting, Lausanne, Switzerland, July 4, 2006

The Business of Education. Teaching with Technology Symposium. Little Rock, AR, July 21, 2006

The Business of Education. FIPSE Program Directors Meeting, Washington DC, February 13, 2007

Educational Software Tools. Teaching with Technology Symposium, Little Rock, AR July 20, 2007.

Sell Yourself – Marketing Your Educational Program. FIPSE Program Directors Meeting, Washington D.C. , January 2008

Sell Yourself – Marketing Your Educational Program. Florida Distance Learning Consortium Webinar, February 15, 2008.

Career Awareness Roundtable. APhA Annual Meeting, San Diego, CA. March 15, 2008

Drug-Radiopharmaceutical Interactions. Southwest Chapter Society of Nuclear Medicine Annual Meeting, Little Rock, AR March 29, 2008.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Chicago, IL. July 19, 2008.

Extreme Course Makeover: Interactive Learning Software. Teaching with Technology Symposium, Little Rock, AR July 24-25, 2008.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Boston, MA. Sept. 10-11, 2008.

Panel Discussion: Trends in Distance Education. Arkansas Association of Public Universities. October 6, 2008

Wikis in Education. UAMS Friday@Noon Computer Users Conference, May 2009.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Baltimore, MD. July 31, 2009.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Minneapolis, MN. Sept. 30, 2009.

Wikis in Education and Mindmapping. 2010 UAMS Teaching with Technology Symposium. July 22, 2010. (Symposium Program Chair)

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Bethesda, MD. Nov. 5, 2010.

Radiopharmaceutical Drug Interactions. Society of Nuclear Medicine Mid-Year Meeting. Palm Springs, CA January 2011.

Google Analytics and Web Fonts. 2011 UAMS Teaching with Technology Symposium. July 21, 2011

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Washington DC. Sept. 23, 2011

Localization, Interactions, and Altered Biodistribution of Radiopharmaceuticals. American Pharmacists Association Annual Meeting. New Orleans March 2012.

Learner Centered Teaching. 2013 UAMS Teaching with Technology Symposium. July 18, 2013

Increase your productivity with Voice Recognition Software. 2013 UAMS Teaching with Technology Symposium. July 18, 2013

New Radiopharmaceuticals and What's on the Horizon 2014 Southwest Chapter Society of Nuclear Medicine and Molecular Imaging. New Orleans March 8, 2014

Drug-Radiopharmaceutical Interactions. American College of Nuclear Medicine national webinar presentation. Sept. 30, 2014

APhA-ASP Career & Leadership Networking Roundtable Workshop. 2016 APhA Annual Meeting, Baltimore, MD. March 6, 2016.

Current Status of Provider Status, Leadership Skills, & Social Media for Academia. Texas A&M College of Pharmacy invited presentations for the student body, Phi Lambda Sigma Induction, and faculty. April 26, 2016

Using Adobe Spark in Education. UAMS eTech at Noon, June 16, 2016

Responding to Nuclear Pharmacy Accidents and Incidents, Florida Pharmacists Association, Oct. 8, 2016, Tampa, FL.

Leading Patient Care in the Community, APhA Academy Leadership Meeting. April 22, 2017, Alexandria, VA.

Realizing Pharmacy's Significance, Wayne State University Commencement Address, May, 8, 2018.

COMPUTER ASSISTED LEARNING PROGRAMS

Hilliard NL, Stull R. The Clinical Use of Leukocyte Labeling. Published by Syncor International. ACPE Program No. 691-723-93-001.

Hilliard NL, Wear M, Bullington P, Understanding Thyroid Diseases and Imaging.

Hilliard NL, McGinty J. Clinical Reviews in Nuclear Medicine Copyrighted 1998

Thomas AR, Carthan N. Introduction to Herbals Developed the software for Pharmat, Inc. August 2000.

Hilliard NL, Current Practices in Renal Imaging.
2009http://www.nuclearonline.org/nuclear_education/educational_programs/RenalCE.asp
Developed with an educational grant from Covidien. ACPE Program No. 0004-9999-08-100-H01-P

Hilliard NL, Le D. Drug-Radiopharmaceutical Interactions. 2010
http://www.nuclearonline.org/nuclear_education/educational_programs/interactionsCE.asp
Developed with an educational grant from Covidien ACPE Program No. 0004-000-09-055-H01-P

Hilliard NL. Radioimmunotherapy in Non-Hodgkin's Lymphoma 2013
Developed with funding from Triad Isotopes.

WEBPAGE DEVELOPMENT

The Nuclear Pharmacy located at <http://nuclearpharmacy.uams.edu>
Nuclear Education Online located at <http://www.nuclearonline.org>
Arkansas Pharmacist Association (original site)
Pharmat (original site)
Jefferson Elementary PTA (original site)

POSTER PRESENTATIONS

A Collaborative Nuclear Pharmacy Training Program at the University of Arkansas. NL Hilliard, AB McKay, K Seifert. Presented at the American Association of Colleges of Pharmacy annual meeting, July 19, 1994.

Indium-111 Pentetreotide (OctreoScan) Imaging for Neuroendocrine Tumor Localization NL Hilliard. Presented at the American Pharmaceutical Association annual meeting, March 19-20, 1995.

Nuclear Pharmacy Resources on the Internet NL Hilliard, R Pruitt. Presented at the American Pharmaceutical Association Annual Meeting, March 9-13, 1996.

Monoclonal Antibody Imaging for Prostate Cancer, ML Peters, NL Hilliard. Presented at the American Pharmaceutical Association Annual Meeting, March 8-12, 1997.

Nuclear Pharmacy Work/Life Survey, S Abston, NL Hilliard. Presented at the American Pharmaceutical Association Annual Meeting, March 10-14, 2000.

Providing Nuclear Pharmacy Education via the Internet. NL Hilliard, JP Norenberg, K Wittstrom, B Rhodes, MW Pickett, and P Thaxton. Presented at the American Pharmaceutical Association Annual Meeting, March 2002.

Providing Nuclear Pharmacy Education via the Internet. NL Hilliard, JP Norenberg, K Wittstrom, B Rhodes, MW Pickett, and P Thaxton. Presented at the Congress of the World Federation of Nuclear Medicine & Biology. Santiago, Chile. October 2002.

Problem Based Learning (PBL) on the Internet. NL Hilliard, B Rhodes, K Wittstrom, JP Norenberg, MW Pickett. Presented at the American Pharmaceutical Association Annual Meeting, March 29-April 1, 2003.

University of Arkansas for Medical Sciences and the University of New Mexico Develop Successful Consortium for Nuclear Pharmacy Education. Hilliard NL. Presented at the American Association for Colleges of Pharmacy Annual Meeting, July 19-23, 2003.

Online Problem Based Learning. NL Hilliard. Presented at the UAMS Teaching with Technology Fair. Received first place in the Best Practices in Teaching with Technology category.

Introduction to Nuclear Pharmacy: An Online Course Available for Elective Offerings. NL Hilliard, C. Coley, B Rhodes, K Wittstrom, JP Norenberg Presented at the American Association for Colleges of Pharmacy Annual Meeting, July, 2004.

Nuclear Pharmacy Technician Training. NL Hilliard, D Le, K Wittstrom, JP Norenberg, B Rhodes. Presented at the American Association for Colleges of Pharmacy Annual Meeting, July, 2006.

Nuclear Education Online Authorized User Training for Physicians. D Le, NL Hilliard, MW Pickett, JP Norenberg, B Rhodes, K Wittstrom. Presented at the Accreditation Council for Graduate Medical Education Annual Meeting, Dallas, TX. March 2008

Does Alkalinization of Technetium-99m Sulfur Colloid reduce perceived pain levels during non-breast sentinel lymphoscintigraphy? M Johnson, NL Hilliard. Presented at the American College of Nuclear Medicine

EDUCATIONAL MATERIALS DEVELOPED

Intern Training Program, Pharmacy Student & Preceptor Manuals, developed for Syncor International Corp.

A Resource Guide for Radiopharmacy Instructors, produced for Syncor International Corp.

Nuclear Education Online Radiopharmacy course material and case studies, Introduction to Nuclear Pharmacy Online. Intellectual Property purchased by UAMS, 2002. The NEO program has trained thousands of health professionals from across the country since beginning in 2001.

MONOGRAPHS AND PUBLICATIONS

Hilliard NL. Indium-111 Pentetreotide Drug Monograph for University Hospital Consortium. December 1994.

Hilliard N. Nuclear Pharmacist Training and Certification. *International Journal of Pharmaceutical Compounding*. Nov/Dec 1998; 2(6): 427

Hilliard N. Radiopharmaceuticals Used for Myocardial Imaging. *Correspondence Continuing Education Courses for Nuclear Pharmacists and Nuclear Medicine Professionals* Vol. VII No. 3, 1998.

Hilliard NL, "Clinical Case--Radiopharmaceuticals," in Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, Allen LV, Popovich NG, and Ansel HC, eighth edition, Lippincott Williams and Wilkins, 2004, pp. 597-598.

Hilliard N, Fassett W, Hamilton B, Report of the Academy Presidents: Leading key initiatives as part of the APhA's strategic plan. *J Am Pharm Assoc*. 2014;54:102-120.

Hilliard N, Ryan M, Capote N, 2014-2015 Report of the Academy Presidents: Enabling, empowering, and inspiring APhA members to drive change. *J Am Pharm Assoc*. 2015;55:212-215.

Johnston MJ, Ntambe, JA, Hilliard NL, et al. Reducing Perceived Pain Levels During Nonbreast Lymphoscintigraphy. *Clinical Nuclear Medicine*, July 28, 2015

GRANTS RECEIVED

An Interdisciplinary Distance Educational Model for Specialty Education to Meet Training Needs of Healthcare Professionals. Funded by the U.S. Department of Education Fund for the Improvement of Postsecondary Education (FIPSE). 2004-2007 \$440,861.

Current Practices in Renal Imaging Continuing Education program development. Funded by Covidien 2009-2011 \$12,500

Drug – Radiopharmaceutical Interactions continuing education program development. Funded by Covidien. 2009-2011 \$10,000

Training for Shippers and Transporters of Radioactive Material. Funded by Covidien 2011 – 2017 \$198,285

UNM Continuing Pharmacy Education. Funded by Mallinckrodt Foundation 2014 \$15,000

Radiation Safety Officer Training Program Development Grant. Funded by Mallinckrodt Foundation 2014 \$34,800

VOLUNTEER ACTIVITIES

Aldersgate Free Medical Clinic Volunteer Pharmacist 1998 - 2005

Little Rock Public Schools PTA Member
Named "Volunteer of the Year" for the Little Rock School District 2000

St. James United Methodist Church
Habitat for Humanity 1994
Christmas Family-to-Family Coordinator 2000-2005
Rice Depot Food Bank 2005
Mission Trip to Rio Bravo, Mexico 2006
Reach Out Mission Event (health screenings in rural Arkansas) 2006
Stone Soup 2006, 2016
Our House 2007
St. James Golf Classic (chair, raised funds for water wells in Congo) 2008-2016
Canvas Community Church volunteer 2017

Susan G. Komen Race for the Cure