

Nicholas Ladikos, PharmD, FASCP, BCPS, BCGP, BCIDP

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EDUCATION

Doctor of Pharmacy University of Florida, Gainesville, Florida	May 2013
Bachelor of Science, Biochemistry Concordia University, Montréal, Québec, Canada	September 2000
Bachelor of Business Administration, Finance and International Business Florida Atlantic University, Fort Lauderdale, Florida	August 1996

LICENSURE AND CERTIFICATIONS

Distinguished Fellow, American Society of Consultant Pharmacists (FASCP)	October 2022
Adult and Pediatric CPR/BLS/AED Instructor	September 2022 – Present
Texas Preceptor Certification	February 2022
Texas Pharmacist License and Immunization Certification	May 2021
Value-Based Contracting Pharmacy Certification	June 2020
Fundamentals of Managed Care Pharmacy Certification	May 2020
Board Certified Infectious Diseases Pharmacist (BCIDP)	June 2019
Board Certified Geriatric Pharmacist (BCGP)	November 2018
Board Certified Pharmacotherapy Specialist (BCPS)	November 2017
Society of Infectious Diseases Pharmacists (SIDP) Stewardship Certificate	October 2017
LEAN Sigma Certificate for Healthcare Providers	March 2016
Maryland Pharmacist License and Immunization Certification	December 2013 – Present
Advance Cardiovascular Life Support (ACLS)	September 2013 – Present
ASHP Conference for Pharmacy Leaders	October 2012
Adult and Pediatric CPR/BLS/AED	August 2009 – Present

PHARMACY EXPERIENCE

MedOp Advisors, Dallas, Texas Founder and Clinical Director	May 2025 – Present
Re:Cognition Health, Fort Worth, Texas Clinical Trials Pharmacist	March 2024 – Present
Academy of Managed Care Pharmacy (AMCP), Alexandria, Virginia Director of Professional Affairs	March 2020 – May 2021
Johns Hopkins Medicine (Suburban Hospital), Bethesda, Maryland Clinical Coordinator and Antimicrobial Stewardship Program Lead Clinical Pharmacist	July 2017 – March 2020
PGY1 Infectious Diseases and Antimicrobial Stewardship Residency Preceptor	July 2017 – March 2020
Emergency Medicine Clinical Pharmacist	May 2016 – July 2017
PGY1 Emergency Medicine Pharmacy Residency Preceptor	May 2016 – July 2017
Investigational Drug Services Lead Clinical Pharmacy Coordinator	May 2015 – March 2020
CVS (Target) Pharmacy, Baltimore, Maryland Pharmacy Manager/Transition Manager/PRN Pharmacist	December 2013 – December 2018

CONSULTING/CONTRACTING AND TEACHING EXPERIENCE

Arizona College of Nursing

Adjunct Professor

September 2024 – Present

Texas Tech University Health Sciences Center School of Pharmacy, Dallas, Texas

Clinical Assistant Professor (Volunteer)

July 2022 – Present

Optum Serve for the World Trade Center Health Program (WTCHP), Dallas, Texas

Pharmacy Management Lead

June 2021 – May 2025

CarelRx/Elevance Health (BC Forward)

Pharmacy Manager

February 2024 – May 2024

National Institutes of Health (NIH)/ProPharma Group

Lead Pharmacist, Investigational Drug Control Unit (IDCU), Clinical Center

November 2022 – May 2023

University of Texas Southwestern Medical Center (UTSW), Dallas, Texas

Institutional Review Board (IRB) Committee Member (Volunteer)

January 2022 – January 2024

Children and Family Guidance Center, Dallas, Texas

Corporate Director of Clinical Pharmacy Services

July 2022 – June 2023

PGY1/PGY2 Residency Program Director**Clinical Educator****BUSINESS EXPERIENCE****Economic Development/Retention Project Manager**

September 2007 – September 2008

Enterprise Florida, Orlando, Florida

Created, developed, and executed new strategic business retention programs for the State of Florida's public-private partnership serving as the primary organization for statewide economic development; Conducted business intelligence; Directed strategies and alliances that fostered targeted-industry growth, developed local community economic development offices' training, and identified and managed business expansion opportunities for domestic and international businesses

Adjunct Professor

September 2004 – September 2008

Manatee Community College, Sarasota, Florida

Developed all materials for and delivered workshops in advanced computer usage (PC and Mac), Microsoft Office products, time management, teamwork, leadership, customer service, conflict resolution, business communications, and stress management for workforce development and small businesses

Founder/Owner/Financial Analyst and Mortgage Broker

May 2001 – September 2008

Allied Financial Group, Fort Lauderdale, Florida

Designed and brokered strategic real estate investments for small business owners and individuals; Conducted weekly educational presentations on commercial and residential financing in English, Spanish, and Greek

Director of Marketing, Sales, and Public Relations

October 2006 – September 2007

CSI Networks, Sarasota, Florida

Developed and implemented strategic marketing for an information technology (managed services) company, including customer appreciation programs, bi-weekly newsletters, company and client videos, and website content enhancement

INFORMATION TECHNOLOGY SKILLS

ACT	McKesson Connect
Adobe (Illustrator, PageMaker, Photoshop)	Medisoft
Business Intelligence (Oracle)	Meditech
Business Objects	MedNet
Crystal Reports	Microsoft Office Suite (Access, Excel, FrontPage, Outlook, PowerPoint, Publisher, Visio, Word)
Enterprise Pharmacy System (EPS, PDX)	Pioneer
EnterpriseRx	Sentri-7
EpicCare CPOE	SharePoint, SinglePoint (Omnicell)
E-Synchronist	SQL
GoldMine	Tableau
Horizon Meds Manager (HMM)	
JMP/SAS Educational Analytical Suite (EAS)	

AWARDS

Pharmacist of the Month Award (UnitedHealth Group (UHG)/Optum Care)	2021
Johns Hopkins Patient Safety Award	2016, 2019
Best in Medicine Award (American Health Council)	2018
American College of Clinical Pharmacists Infectious Diseases PRN Group Member Spotlight	2018
Personality Plus Award (Florida Atlantic University)	1998

PROFESSIONAL MEMBERSHIPS

American Society for Pharmacy Law	2025 – Present
Texas Society of Health-System Pharmacists (TSHP)	2021 – Present
Metroplex Society of Health-System Pharmacists (MSHP)	2021 – Present
Texas Pharmacy Association (TPA)	2021 – Present
Making a Difference in Infectious Diseases Pharmacotherapy (MAD-ID)	2017 – Present
Society for Healthcare Epidemiology of America (SHEA)	2017 – Present
Infectious Diseases Society of America (IDSA)	2017 – Present
American College of Clinical Pharmacists (ACCP) Infectious Diseases PRN Group	2017 – Present
American Society of Health-System Pharmacists (ASHP)	2008 – Present
American College of Clinical Pharmacy (ACCP)	2008 – Present
American College of Clinical Pharmacists (ACCP) Emergency Medicine PRN Group	2015 – 2017
Maryland Society of Health-System Pharmacy (MSHP)	2014 – 2021
Maryland Pharmacists Association (MPhA)	2013 – 2021
Alachua County Association of Pharmacists (ACAP)	2008 – 2013
American Pharmacists Association (APhA)	2008 – 2013
Florida Society of Health-System Pharmacists (FSHP)	2008 – 2013
North Central Florida Society of Health-System Pharmacists (NCFSHP)	2008 – 2013

LANGUAGES

Fluent in English, Greek, Spanish, and conversational French

LEADERSHIP AND COMMITTEE INVOLVEMENT

American Society of Consultant Pharmacists (ASCP) Health Information Technology Committee Member Antibiotic & Infection Control Stewardship Committee Member Invited Speaker	2019 – Present
American College of Clinical Pharmacists (ACCP) Antimicrobial Stewardship Committee Member	2019 – Present
Society of Infectious Diseases Pharmacists (SIDP) Antimicrobial Stewardship Committee Member	2017 – Present
Society for Healthcare Epidemiology of America (SHEA) Public Policy & Government Relations Committee Member	2019 – 2022
Maryland Society of Health-System Pharmacy (MSHP) Past-Chair, Antimicrobial Stewardship Committee Chair, Antimicrobial Stewardship Committee Chair-Elect, Antimicrobial Stewardship Committee	2018 – 2021

PUBLICATIONS AND PRESENTATIONS

DiChiacchio L, Ibrahim I, Grazioli A, Bionghi N, Batra K, Chabbra S, **Ladikos N**, et al. Improvement in radiologic findings over time is associated with increased survival in patients with viral ARDS requiring extracorporeal membrane oxygenation. *Lung India* 2025;42:91-6. <https://pmc.ncbi.nlm.nih.gov/articles/PMC11952723/>.

Torres F, Shedd C, Kaza V, Bollineni S, Banga A, Mohanka MR, **Ladikos N**, Wijesinha M, Mahan LD, Lawrence A, Joerns J, Terada L, Timofte I. Outpatient management of post-COVID syndrome - single center experience. *Heart Lung*. 2024 Sep-Oct;67:137-143. doi: 10.1016/j.hrtlng.2024.05.004. Epub 2024 May 16. PMID: 38759575.

Chahine EB, Clifford KM, **Ladikos N**, et al. The Essential Role of Senior Care Pharmacists in Antimicrobial Stewardship: An Updated Position Statement on Behalf of the American Society of Consultant Pharmacists and the Society of Infectious Diseases Pharmacists. *Sr Care Pharm*. 2023 Nov 1;38(11):452-456. doi: 10.4140/TCP.n.2023.452. PMID: 37885096.

“Psychoactive Medication Stewardship in Older Adults: Clinical Updates.” Invited Speaker, ASCP National Meeting, November 2022.

Lopata E, Terrone C, Gopalan A, **Ladikos N**, Richardson T. Meeting the affordability challenges posed by orphan drugs: a survey of payers, providers, and employers. *J Manag Care Spec Pharm*. 2021 Jun;27(6):706-713. doi: 10.18553/jmcp.2021.20553. Epub 2021 Feb 15. PMID: 33586514.

Sharara SL, Arbaje AI, Cosgrove SE, Gurses AP, Dzintars K, **Ladikos N**, Qasba SS, Keller SC. The Voice of the Patient: Patient Roles in Antibiotic Management at the Hospital-to-Home Transition. *J Patient Saf*. 2022 Apr 1;18(3):e633-e639.

Sharara SL, Arbaje AI, Cosgrove SE, Gurses AP, Dzintars K, **Ladikos N**, Qasba SS, Keller SC. A healthcare worker and patient-informed approach to oral antibiotic decision making during the hospital-to-home transition. *Infect Control Hosp Epidemiol*. 2021 Oct;42(10):1266-1271. doi: 10.1017/ice.2020.1383. Epub 2021 Jan 21. PMID: 33475083; PMCID: PMC8693544.

Reviewer for 2021 ACCP IDSAP 2021 Book 2, Cardiopulmonary Infections. Dodds A, Gross A, eds. Infectious Diseases Self-Assessment Program, 2021 Book 2. Cardiopulmonary Infections. Lenexa, KS: American College of Clinical Pharmacy, 2021. ISBN 13: 978-1-952291-36-4.

Timofte I, Wijesinha M, Vesselinov R, Kim J, Reed R, Sanchez P, **Ladikos N**, et al. Survival benefit of lung transplantation compared with medical management and pulmonary rehabilitation for patients with end-stage COPD. *ERJ Open Res.* 2020;6(2):00177-2019. Published 2020 Apr 27. doi:10.1183/23120541.00177-2019.

Timofte I, Tonelli A, Diaz-Abad M, Verceles A, **Ladikos N**, et al. Gait-speed and oxygen flow during six-minute walk test predicts mortality in patients with advanced lung disease. *Monaldi Arch Chest Dis.* 2020;90(1):10.4081/monaldi.2020.1186. Published 2020 Feb 12. doi:10.4081/monaldi.2020.1186.

“Optimizing the Use of Clinical Laboratory Values in Antimicrobial Stewardship” Invited Speaker, ASCP National Meeting, November 2019.

Seetharaman S, Wilson C, Landrum M, Qasba S, Katz M; **Ladikos N**, et al. Does use of Electronic Alerts for Systemic Inflammatory Response Syndrome (SIRS) to Identify Patients with Sepsis Improve Mortality? *The American Journal of Medicine.* March 1, 2019.

Timofte I, Iacono A, Rinaldi J, **Ladikos N**, et al. Adaptive Periodic Paralysis Allows Weaning Deep Sedation Overcoming the Drowning Syndrome in ECMO Patients Bridged for Lung Transplantation: A Case Series. *Journal of Critical Care.* 2017 Dec;42:157-161. Presented at ISHLT 2018, International Society of Heart and Lung Transplant (ISHLT) Conference, Nice, France, April 2018.

Timofte I, Tonelli A, Akindipe O, Diaz-Abad M, Kim J, **Ladikos N**, Baz M. Six-Minute Walk Test— New Prognostic Implications for Patients with Advanced Lung Disease Evaluated for Lung Transplantation. *Clinical Transplantation.* Submitted for publication January 2018.

“Non-invasive Measurement of Left Atrial Size Correlates with Pulmonary Capillary Wedge Pressure in Patients with Pulmonary Hypertension” Timofte I, **Ladikos N**, Alnuaimat H. Presented at CHEST 2012, American College of Chest Physicians (ACCP) Conference, Atlanta, Georgia, 2012.

“Retrospective Study of Drotrecogin alfa (Activated) Use in Burn Patients” LeClaire AC, **Ladikos N**, Beerman K. Presented at Society of Critical Care Medicine (SCCM) 41st Critical Care Congress, Houston, Texas, 2012.

“Previous prescription of β -blockers is associated with reduced mortality among patients hospitalized in intensive care units for sepsis” Journal club facilitator to pharmacy staff, 2012.

“Vancomycin dosing in the adult inpatient population” Topic discussion facilitator to pharmacy staff, 2012.

“Fluid and electrolyte abnormalities: A review of the negatives and positives” Presentation to pharmacy staff, 2012.

“Pharmacological management of adult organ transplantation in the community pharmacy setting” Topic discussion facilitator to pharmacy staff, 2012.

“The patient protection and affordable care act of 2010” Presentation to pharmacy, nursing, and medical clinic staff, 2012.

“Treatment of hyperlipidemia in the adult ambulatory care setting” Topic discussion facilitator to pharmacy staff, 2012.

“Levothyroxine treatment of subclinical hypothyroidism, fatal and nonfatal cardiovascular events, and mortality” Journal club facilitator to pharmacy staff, 2012.

“Who really needs a knife and fork to eat? The use of parenteral nutrition in the adult ICU setting” Presentation to pharmacy staff, 2012.

“A controlled trial of bicalutamide versus flutamide, each in combination with lutenizing hormone-releasing hormone analogue therapy, in patients with advanced prostate cancer” Journal club facilitator to pharmacy staff, 2012.

“IgMA-enriched immunoglobulin in neutropenic patients with sepsis syndrome and septic shock: A randomized, controlled, multiple-center trial” Journal club facilitator to pharmacy staff, 2012.

“Adult antithrombotic therapy and prevention of thrombosis in the community pharmacy setting” Presentation to pharmacy staff, 2012.

“Treatment of primary (essential) hypertension in the outpatient setting” Topic discussion facilitator to pharmacy staff, 2012.

“Pharmacological management of diabetes mellitus in the community pharmacy setting” Topic discussion facilitator to pharmacy staff, 2012.

“Ranolazine (Ranexa®): Can it really help a broken heart?” Presentation to pharmacy staff, 2012.

Quetiapine (Seroquel XR®) and Bicalutamide (Casodex®) Drug monographs, 2012.

“Efficiency of a Weight-Based Low-Intensity Heparin Protocol for Patients Considered at High Risk for Bleeding” LeClaire AC, Rosenberg AF, **Ladikos N**, Layon AJ, Zumberg M. Presented at Society of Critical Care Medicine (SCCM) 39th Critical Care Congress, Miami, Florida, 2010.

“Pharmacy to emergency department turnaround time for first-dose antimicrobials” Presented to emergency department administration at Shands Hospital at the University of Florida, 2010.

“Medication use, storage, and safety in the elderly” Presented to community group at Holy Faith Catholic Church, Gainesville, Florida, 2010.

SELECTED RESEARCH

Bleeding incidence in burn patients receiving heparin or enoxaparin (Lovenox®) as prophylaxis 2011 – 2013

Retrospective cohort study comparing the safety of subcutaneous heparin and enoxaparin (Lovenox®) as prophylaxis against venous thromboembolic events in critically ill burn patients admitted to Shands Hospital at the University of Florida Burn Center over a 10-year period

Co-Investigators: Jennifer Bushwitz, PharmD; Aimée LeClaire, PharmD, BCPS; Jinghua He, PhD; David Mozingo, MD

Investigated the mechanism of retinal degeneration 2001

Examined a photoreceptor synaptic mutant protein HRG4 shown to cause Age-related Macular Degeneration (AMD) in a transgenic mouse model, conducted at the Bascom Palmer Eye institute at the University of Miami School of Medicine

Co-Investigator: George Inana, MD, PhD

Generation of a strain of *Candida glabrata* lacking a gene (CgMOD5) involved in tRNA metabolism 2000
 Post-undergraduate thesis that characterized genes involved in tRNA metabolism, conducted at the Department of Chemistry and Biochemistry, Concordia
 Co-Investigator: Paul Joyce, PhD

QUALITY IMPROVEMENT PROJECTS (Abridged)

Antimicrobial management and appropriateness of urinary tract infections (UTI) treatment in a community hospital (IRB application submitted)

Identification of antibiotic use among in-hospital patients with *Clostridium difficile* infection (CDI) in an acute care, community hospital (IRB application submitted)

Incidence of acute kidney injury in patients treated with vancomycin in combination with piperacillin-tazobactam or imipenem-cilastatin in an acute care, community hospital (IRB application submitted)

Analysis of predicted benefits through incorporating rapid identification testing for Gram-positive blood cultures in an acute care, community hospital (IRB approved)

Impact of pharmacist-conducted medication reconciliation rates in the emergency department following identification of candidates for admission in a community hospital (IRB application submitted)

Identification of patient demographics and clinical presentation that would prognosticate admission at Suburban Hospital/Johns Hopkins Medicine (IRB application submitted)

Characterization of the management of food-induced anaphylaxis in pediatric patients at and prior to arrival in the emergency department

National, multi-site retrospective chart review of pediatric/adolescent patients treated in the emergency department for food-induced anaphylaxis at Suburban Hospital/Johns Hopkins Medicine (IRB application submitted)

Impact of an enhanced community pharmacy-managed “meds-to-bed” program to reduce hospital readmissions rates by improving medication adherence and compliance in a community hospital

Will reduce readmission rates through improved medication compliance using a modified “meds-to-bed” program at Suburban Hospital/Johns Hopkins Medicine (IRB application submitted)

Medication delivery optimization 2016
 Conducted operational (LEAN Sigma) analyses, root-cause medication messages analyses, and staff amelioration at Suburban Hospital/Johns Hopkins Medicine

Blood glucose control in the ICUs and adult general medicine wards 2009 – 2012
 Analyzed average blood glucose readings, number of blood glucose tests, hypoglycemia rates, and glucose tests versus patient days for burn, trauma, neurosurgical, surgical, cardiovascular, and medical ICUs, and all adult general medicine wards at Shands Hospital at the University of Florida

Analysis of high-risk, high-cost medications 2011
 Analyzed prescribing and usage patterns of recombinant Factor VIIa (NovoSeven®), Immune Globulin Intravenous (IVIG) (Privigen® and Gamunex-C®), and promethazine at Shands Hospital at the University of Florida

Analysis of promethazine usage patterns 2011
 Analyzed usage patterns of promethazine (Phenergan®) by nursing units from Omnicell data at Shands Hospital at the University of Florida

<u>Assessment of sedation and analgesia protocols in surgical ICUs</u>	2011
Constructed and implemented data mining criteria and developed novel Excel equations to analyze protocol adherence for fentanyl, morphine, midazolam, and propofol in the surgical, trauma, neurosurgical, cardiac, medical and burn ICUs at Shands Hospital at the University of Florida	
<u>Clozapine product changeover</u>	2011
Headed and coordinated a team of pharmacists and created new and modified existing procedures and policies for a hospital-wide multi-center clozapine product changeover at Shands Hospital at the University of Florida	
<u>Insulin infusion protocol adherence and blood glucose control in the medical ICU</u>	2011
Determined adherence of insulin infusion protocol and glucose control in the medical ICU at Shands Hospital at the University of Florida	
<u>Product inventory update of portable medication boxes</u>	2011
Headed and coordinated a team of pharmacists and created new and modified existing procedures and policies for a hospital-wide multi-center product inventory update of the portable medication boxes at Shands Hospital at the University of Florida	
<u>Total parenteral nutrition (TPN) usage</u>	2011
Collected and analyzed TPN usage by TPN service, current critical care, and projected critical care at Shands Hospital at the University of Florida	
<u>ADT-dispensed versus delivered antimicrobial turnaround times in the surgical ICU</u>	2010
Analyzed antimicrobial turnaround times for ADT-dispensed and tubed/delivered antimicrobials in the surgical ICU at Shands Hospital at the University of Florida	
<u>First-dose antimicrobial turnaround time</u>	2010
Created and populated first-dose antimicrobial turnaround time report cards for units, shifts, and satellites; Collected and analyzed data for first-dose antimicrobial pharmacy to emergency department turnaround time at Shands Hospital at the University of Florida	
<u>Patient-controlled analgesia (PCA) usage</u>	2010
Analyzed hospital-wide usage patterns of Patient-Controlled Analgesia (PCA) devices used for hydromorphone (Dilaudid®) at Shands Hospital at the University of Florida	