

# Michael M. Nguyen

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## SUMMARY

I am a Ph.D. health outcomes researcher, a certified Epic analyst, and pharmacist. My research consists of strong programming skills applied to publicly available and administrative claims datasets to analyze healthcare costs, utilization, and treatment patterns across multiple therapeutic areas. As a certified Epic analyst, I build and configure the Willow module within Epic's electronic medical record (EMR) in accordance with the latest clinical guidelines and end user preferences. Additionally, I bring nearly a decade of clinical experience as a practicing pharmacist in inpatient and outpatient settings.

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## SKILLS

- Real World Evidence
- Observational Research
- Manuscript development
- Conference presentations
- Project management
- Epic
- SAS
- SQL
- Stata
- Python
- Aetion
- ArcGIS
- Adobe Creative Suite (Photoshop, Illustrator, InDesign)

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## PROFESSIONAL EXPERIENCE

### OU Medical Center

October 2023 – Present

#### *Epic Pharmacist Analyst*

- Develops, configures, and modifies complex information systems
- Designs, codes/configures, tests, debugs, documents, and maintains program/applications
- Supports existing functionality with future expansion to additional areas
- Develops strong relationships with end user communities, customers, and business partners
- Provides support as a broad EHR subject matter expert to resolve incidents or fulfill requests
- Works with the team to lead, monitor, and facilitate new module/application testing
- Provides input to policies, procedures, training, and best practices for use within the organization

### Pharmacy Management Consultants

August 2018 – October 2023

#### *Health Outcomes Researcher*

- Used SAS/SQL to analyze administrative claims data (hospital, medical, pharmacy, and eligibility) for Oklahoma Medicaid to assess the healthcare utilization, healthcare costs, and treatment patterns of over 1 million covered lives across multiple therapeutic areas.
- Executed and analyzed value-based agreements (VBAs) with pharmaceutical industry across multiple therapeutic areas (i.e., seizure, migraine, schizophrenia, substance use disorder, inflammatory disease, & prescription digital therapeutics).

### Amgen

June 2023 – September 2023

#### *Graduate Intern, Global HEOR (Oncology)*

- Led and executed Targeted Literature Reviews (TLRs) to support blinatumomab.
- Presented TLR findings to cross-functional market access team members.
- Led and developed Statistical Analysis Plans (SAPs) analyzing Optum and MarketScan datasets.
- Executed SAPs using Aetion Substantiate to assess HCRU, costs, treatment patterns, OS, and RFS.

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## OU Medical Center

May 2018 – June 2023

### Hospital Pharmacist

- Compounded and dispensed prescribed medications, and other pharmaceuticals for patient care.
- Maintained and reviewed patient profiles to ensure appropriateness of drug therapy, allergies, interactions, and side effects.
- Advised staff, physicians, and customers, as needed, with information regarding the appropriate use of medications.

## Crest RX Pharmacy

July 2017 – May 2018

### Independent Pharmacist

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## EDUCATION

### OU Health Sciences Center College of Pharmacy

June 2024

Ph.D., Pharmaceutical Sciences

Dissertation Topic: *Medication utilization, health services utilization, and healthcare expenditures of children with persistent asthma in Oklahoma Medicaid: 2016-2023*

Major Advisor: Grant H. Skrepnek, Ph.D., M.Sc., R.Ph.

#### Notable coursework included:

- Biostatistics & Epidemiology: 22 hours
- Health Economics & Policy: 9 hours
- Pharmaceutical Sciences, Research Methods, Seminar: 28 hours

### OU Health Sciences Center College of Pharmacy

June 2016

Pharm.D., Leadership Track

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## CERTIFICATIONS

### Epic Willow Inpatient Certification

February 2024 – Present

### Epic Data Courier Mover Badge

March 2024 – Present

#### Action Certifications:

July 2023 – Present

- Level 1-3 Platform Certifications
- Capabilities & Foundations
- Implementation Exercises
- Measure Chaining
- Visualizing patient data with patient timelines exploration
- Dosing and Coverage using Drug Computations
- Exploring Treatment Patterns with Drug Pathways

### Oklahoma State Board of Pharmacy License #17501

June 2017 – Present

*Certified by the Oklahoma Board of Pharmacy*

### Pharmacy-Based Immunization Delivery

August 2012 – Present

*Certified by the American Pharmacists Association*

### BLS Provider Certification

May 2018 – Present

*Certified by the American Heart Association*

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## MANUSCRIPTS, PUBLICATIONS, & OTHER REPORTS

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### Accepted Manuscripts

Dickson M, **Nguyen MM**, Patel C, Grabich SC, Benson C, Skrepnek GH. Real-World Adherence, Persistence, Readmissions, and Costs in Medicaid Members with Schizophrenia or Schizoaffective Disorder Initiating Paliperidone Palmitate Versus Switching Oral Antipsychotics: A Real-World Retrospective Investigation. *Adv Ther.* 2023;40(1):349-366. doi:10.1007/s12325-022-02354-4

### Unpublished Manuscripts, in Submission

**Nguyen MM**, Skrepnek GH. *Health Service Utilization, Medical, and Comorbid Burden Among Patients with Sleep-Disordered Breathing and Obesity: 2007-2016*. Unpublished manuscript. Department of Clinical and Administrative Sciences, University of Oklahoma College of Pharmacy, Oklahoma City, USA.

**Nguyen MM**, Saunkeah B, Doescher MP, Farmer KC, Skrepnek GH. *Characteristics Associated with Hospital-Wide Readmission Rates Among Critical Access Hospitals: 2014-2017*. Unpublished manuscript. Department of Clinical and Administrative Sciences, University of Oklahoma College of Pharmacy, Oklahoma City, USA.

**Nguyen MM**, Skrepnek GH. *Healthcare Utilization of Adult Ambulatory Care Visits with Overweight and Obesity in the U.S.: 2007-2016*. Unpublished manuscript. Department of Clinical and Administrative Sciences, University of Oklahoma College of Pharmacy, Oklahoma City, USA.

**Nguyen MM**, Skrepnek GH. *Stock Market Returns of Publicly-Listed Hospital Corporations, 1970-2021*. Unpublished manuscript. Department of Clinical and Administrative Sciences, University of Oklahoma College of Pharmacy, Oklahoma City, USA.

### Non-Peer Reviewed Legislative Reports

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in Prescription Digital Therapeutics. Oklahoma Health Care Authority: Oklahoma City, OK. 2022.

Dickson MC, **Nguyen MM**, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in ADHD. Oklahoma Health Care Authority: Oklahoma City, OK. 2022.

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in Inflammatory Disease. Oklahoma Health Care Authority: Oklahoma City, OK. 2022.

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract of Substance Use Disorder and Opioid Use Disorder. Oklahoma Health Care Authority: Oklahoma City, OK. 2022.

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract of Schizophrenia. Oklahoma Health Care Authority: Oklahoma City, OK. 2022.

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in partial-onset seizure disorder. Oklahoma Health Care Authority: Oklahoma City, OK. 2021.

**Nguyen MM**, Dickson MC, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in primary generalized tonic-clonic seizures and involving adjunctive agents for the treatment of partial-onset seizures. Oklahoma Health Care Authority: Oklahoma City, OK. 2021.

Dickson MC, **Nguyen MM**, Johnson EJ, Skrepnek GH. Medicaid Value Based Contract in prevention of migraine. Oklahoma Health Care Authority: Oklahoma City, OK. 2021.

Dickson MC, **Nguyen MM**, Johnson EJ, Skrepnek GH. An Assessment of Cost and Utilization of Opioid and Opioid Substitute/Replacement Prescription Claims Within the Oklahoma Insurance Department: A

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[linkedin.com/in/mnguyenpharmd](https://www.linkedin.com/in/mnguyenpharmd)

Report in Accordance with Oklahoma Senate Bill 848. Oklahoma Insurance Department: Oklahoma City, USA. 12 December 2020.

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## ABSTRACTS AND MEETING PRESENTATIONS

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- Nguyen MM**, Dickson MC, Boylan PM, Travers JR, Wilcox, DG, Skrepnek GH. *Treatment failure in community acquired pneumonia (CAP) among vaccinated or unvaccinated adult Medicaid beneficiaries from 2015-2021*. 2022 Academy of Managed Care Pharmacy (AMCP) Fall Nexus Conference, October 11-14, 2022, National Harbor, MD.
- Tidmore LM, **Nguyen MM**, Dickson MC, Lambert TL, Skrepnek GH. *Emergency department treatment disposition and characteristics among cases of schizophrenia, schizoaffective disorder, and bipolar disorder*. 2022 Academy of Managed Care Pharmacy (AMCP) Fall Nexus Conference, October 11-14, 2022, National Harbor, MD.
- Jones VF, Tidmore LM, **Nguyen MM**, Lambert TL, Skrepnek GH. *Characteristics of emergency department visits among homeless adults in the United States*. 2022 Academy of Managed Care Pharmacy (AMCP) Fall Nexus Conference, October 11-14, 2022, National Harbor, MD.
- Downen SS, **Nguyen MM**, Skrepnek GH. *The association between patient safety indicators and risk-adjusted readmission rates in U.S. hospitals: 2018-2019*. 2022 Academy of Managed Care Pharmacy (AMCP) Fall Nexus Conference, October 11-14, 2022, National Harbor, MD.
- Nguyen MM**, Campbell JE, Janitz AE, Skrepnek GH. *Broadband access in Oklahoma's Medical Deserts*. 2022 The Summit: Rural Health Re-Imagined Conference, October 3-5, 2022, Oklahoma City, OK.
- Nguyen MM**. *The Impact of Academic Detailing for Appropriate Antibiotic Use with Oklahoma Medicaid Patients*. 2021 NaRCAD (National Resource Center for Academic Detailing) International Conference, November 8, 2021, Boston, MA [Digital].

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## RESEARCH FUNDING

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- [Investigator-Initiated Trial, Industry] Skrepnek GH (PI), Nguyen MM, Dickson MC. Barriers to Vaccination, Patterns of Care, and Outcomes Associated with Adult Community-Acquired Pneumonia in Medicaid. Pfizer, Inc. Role: Research Assistant. \$146,256 with 50% effort. 2021.
- [Service Agreement] Skrepnek GH (PI), Nguyen MM, Dickson MC. Opioid Use Under Oklahoma Senate Bill 848. Oklahoma Insurance Department. Role: Research Assistant. \$15,000 with 25% salary support. 2020.

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## PROFESSIONAL ORGANIZATIONS

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| <b>Oklahoma Society of Health-Systems Pharmacists</b><br><i>Member</i> | December 2022 – Present |
| <b>Academy of Managed Care Pharmacy</b><br><i>Member</i>               | August 2016 – Present   |
| <b>National Community Pharmacists Association</b><br><i>Member</i>     | August 2013 – Present   |