Deborah M. Burke-Allen

REGISTERED PHARMACIST

CONTACT

LOCATION
Charlotte, North Carolina
Open to remote or hybrid

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LICENSURE
Registered Pharmacist
North Carolina
NC Board of Pharmacy
License #14013
Issued under Deborah M. Allen

AT A GLANCE

25+ yrs	pharmacy and healthcare practice
5	AI platforms in regular use
2	reusable AI quality-check skills
2	platform implementations led

ROLE STRENGTHS

CORE EXPERTISE

Prompt Engineering
Large Language Models (LLMs)
Agentic AI (Claude Code)
LLM Output Evaluation
Hallucination Detection

EXECUTION AND DELIVERY

Evaluation Rubrics
Specification Writing
EHR Migration and Build
Clinical Decision Support
Human-in-the-Loop QA

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PROMPT ENGINEERING | AI EVALUATION | CLINICAL VALIDATION

Registered pharmacist who builds and evaluates with generative AI. Writes the prompts and specifications that direct agentic AI coding tools and large language models (LLMs), then checks each AI-generated claim and citation against primary sources with 25+ years of clinical judgment. Prototyped an AI-assisted lab-trend dashboard with practitioner review and led an EHR migration from vendor selection through staff training.

HOW I MEET YOUR REQUIREMENTS	
PROMPT ENGINEERING	Structured prompts and specifications for LLM workflows.
AI CODING AGENTS	Directs Claude Code from written specifications.
AI OUTPUT EVALUATION	Catches hallucinations, omissions, and overstated claims.
EVALUATION RUBRICS	Reusable AI checks with explicit pass and fail criteria.
CLINICAL JUDGMENT	25+ years in practice, 15 in high-volume pharmacy.
HEALTH INFORMATICS	Led an EHR migration and Hint Health adoption.

Selected AI Projects (2026)

- Prototyped an AI-assisted lab dashboard that turns lab PDFs into time-series data and trend summaries for practitioner review before any change.
- Directed Claude Code from written specifications to build a pipeline that generates five tailored document sets from one structured source.
- Wrote reusable, rubric-based AI checks with explicit pass and fail criteria for ATS readability and proofreading, run on every document.
- Directed AI to rebuild four clinical education decks as public work samples, verifying every PubMed citation and dropping unsupported claims.
- Launched a GitHub Pages portfolio through AI-directed development; set up a scheduled AI agent that screens postings daily against written criteria.

Professional Experience

INFINITE HEALTH PLLC / HEALTHY KIDS, HAPPY MOMS

2015 - MAY 2026 | CHARLOTTE, NC

Integrative Pharmacist, Clinical Education and Healthcare Strategy
Practice Development Lead

- Led the HelloHealth-to-Elation EHR migration from vendor selection through a pilot run, staff training, clinical templates, and outside lab-data integration.
- Championed early adoption of Hint Health for membership billing, pairing automation with family education so it saved work instead of creating it.
- Co-designed the practice's membership enrollment, Zoom orientation, and structured intake, which enabled a rapid move to virtual care during COVID-19.
- Led three twice-monthly MD, DO, and NP mentorship cohorts on case-based reasoning, medication and supplement education, and lab interpretation.

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PROFESSIONAL PHILOSOPHY

> *AI is only as good as the instructions it receives and the expert who checks its work. I write the first, and I am the second, every time.*

EDUCATION AND LICENSURE

ALBANY COLLEGE OF PHARMACY
Bachelor of Science in Pharmacy

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MAPS 2024
Functional and Integrative Care

GENETIC SNPS AND EPIGENETICS
Seeking Health / Dr. Ben Lynch
2017 - 2018
StrateGene report presentation

PLATFORMS AND TOOLS

Claude and Claude Code, ChatGPT, Gemini, Perplexity, Copilot, GitHub Pages, Elation EHR, Hint Health, PDX pharmacy system, UpToDate, Lexidrug, Clinical Pharmacology, Natural Medicines, PubMed, Cochrane, Zotero, Jira, Confluence, Notion, Excel (pivot tables), Google Workspace, and Microsoft Office

HEALTH INFORMATICS

EHR Clinical Templates
Lab Data Integration
Pilot Testing
End-User Training

WORK PREFERENCES

Full-time preferred
Open to contract-to-hire

Professional Experience

INFINITE HEALTH (CONTINUED)

- Added and maintained every supplement in Hint Health, with note fields for storage requirements and discard-after-opening guidance at the point of use.
- Led development and scaling of a private-label supplement line of 25 formulations, generating about **$360,000 a year**, from formula selection and sourcing to final label approval.

TRANSFORMATION ENZYME CORPORATION — 2014 - 2015

Clinical Education and Provider Support Specialist

- Built and delivered national training that translated enzyme and nutrition science into practical guidance for healthcare professionals.

TARGET PHARMACY — 1998 - 2013 | CHARLOTTE, NC

Supervising Pharmacist (Pharmacy Manager), 1998 - 2000
Pharmacist, 2000 - 2004; District Relief Pharmacist, 2004 - 2008
Staff Pharmacist, 2008 - 2013

- Evaluated prescriptions for safety, interactions, and appropriateness in a high-volume, regulated pharmacy.
- Resolved commercial and Medicaid claim rejections at the point of sale and coordinated prior authorizations with prescribers, reviewing covered alternatives and explaining options to patients.
- Opened the Stonecrest Target pharmacy as Pharmacy Manager and led its Y2K readiness across systems, records, and workflows.

WEGMANS FOOD MARKETS — 1994 - 1997

Pharmacy Intern

Selected Speaking and Education

Signature topic: The Interconnected Body - How the gut, immune, nervous, endocrine, and metabolic systems influence one another, and how nutrition, medications, and supplements act across them all

Signature topic: Pediatric Immune Resilience - Healthy cell, healthy gut, healthy child: immune-resilience science in practice

Personalized Lifestyle Medicine Institute - Pediatric Immune Resilience with Drs. Bland and Lustig, 2022

AHEC Gerontology Conference - Integrative pharmacy education, 2019

Transformation Enzyme Therapy Conference - HCP clinical education, 2019

Evolution of Medicine / Functional Forum - Functional medicine education, 2018

U.S. Department of Veterans Affairs - Pediatric Immune Resilience for clinicians

WHAT I BRING TO YOUR TEAM

More than 25 years of clinical judgment and a builder's command of AI. I tell AI what to build, test what it returns, and know when the medicine is wrong, so clinicians can trust the output.

Deborah M. Burke-Allen, RPh

REGISTERED PHARMACIST | NC LICENSE #14013 (ISSUED UNDER DEBORAH M. ALLEN)

Clinical AI and Pharmacy Informatics

CLINICAL AI | AI EVALUATION | HEALTH INFORMATICS | PROMPT ENGINEERING

Why Deborah Fits Clinical AI and Informatics Roles

Deborah is a registered pharmacist who builds with AI and checks it with 25+ years of clinical judgment. She writes the prompts and specifications that direct AI coding agents and large language models, then evaluates every output across medications, nutrition, and the body's interconnected systems. She prototyped an AI-assisted lab-trend dashboard and led an EHR migration from vendor selection through staff training.

25+ YEARS	5	2	ACTIVE RPH
pharmacy and healthcare	AI platforms in regular use	AI quality-check skills built	NC #14013, under Deborah M. Allen

Typical Responsibilities: How Deborah Delivers

AI PROMPTING, EVALUATION, AND AI-DIRECTED BUILDING

Write prompts, instructions, and standards for AI tools	DIRECT EVIDENCE Writes multi-step instructions and the standards AI follows (voice rules, approved language, and quality checks) for research, drafting, and document generation.
Develop evaluation rubrics and quality criteria	EXCEEDS REQUIREMENT Has built them, not just applied them: wrote reusable AI checks with explicit pass and fail criteria for ATS readability and proofreading.
Translate clinical needs into technical specifications	DIRECT EVIDENCE Brought the practice's requirements to Elation's technical team during the EHR migration; writes the specifications AI coding agents build from, including a five-sector document pipeline.

CLINICAL VALIDATION AND HEALTH TECHNOLOGY

Identify hallucinations, errors, and overstated claims in AI output	DIRECT EVIDENCE Catches unsupported citations, errors, omissions, and overstated claims before use, verifying each claim against the primary literature in PubMed, with UpToDate for clinical context.
Apply AI to clinical data	DIRECT EVIDENCE Prototyped an AI-assisted lab dashboard that converts lab PDFs into time-series data and trend summaries for practitioner review.
Support system implementation, testing, and end-user training	DIRECT EVIDENCE Led the HelloHealth-to-Elation EHR migration from vendor selection through a pilot run, scheduling-team training, clinical templates, and outside lab-data integration; championed Hint Health as an early adopter.

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CLINICAL AI AND INFORMATICS

Common Qualifications: Met and Exceeded

PharmD or an equivalent pharmacy degree, with active licensure	**DIRECT EVIDENCE** Bachelor of Science in Pharmacy, the standard entry-level pharmacist degree before the national PharmD transition, plus an active North Carolina RPh license (#14013, issued under Deborah M. Allen).
Hands-on experience with generative AI and LLMs	**EXCEEDS REQUIREMENT** Beyond everyday use: directs agentic AI through multi-step, scheduled workflows and writes the standards it follows. Platforms in regular use: Claude and Claude Code, ChatGPT, Gemini, Perplexity, and Copilot.
Programming or software development	**QUALIFICATION CONTEXT** Ships working tools without hand-coding: writes precise specifications for AI coding agents (Claude Code), then tests and verifies every build before use, as her document pipeline and live website show.
EHR or pharmacy information systems (often Epic or Cerner)	**QUALIFICATION CONTEXT** Led an ambulatory EHR migration to Elation and worked hands-on in the PDX pharmacy system and Hint Health; ready to apply that implementation discipline to an enterprise platform.
Five or more years of clinical practice	**EXCEEDS REQUIREMENT** More than 25 years in pharmacy and healthcare against the five required, including 15 in high-volume pharmacy practice with daily patient care.

What Deborah Brings to Your Team

- Prompts, specifications, and standards that make AI output consistent and reviewable.
- Clinical judgment that catches what an AI gets wrong.
- A national educator's skill for training clinicians and staff on new tools and workflows.
- Hands-on health informatics: an EHR migration and a prototyped AI lab-trend dashboard.

Signature Speaking Topics

- **The Interconnected Body:** how the gut, immune, nervous, endocrine, and metabolic systems influence one another, and how nutrition, medications, and supplements act across them all.
- **Pediatric Immune Resilience:** presented for the Personalized Lifestyle Medicine Institute (with Drs. Bland and Lustig, 2022) and for clinicians at the U.S. Department of Veterans Affairs.

Experience Chronology

Infinite Health PLLC / Healthy Kids, Happy Moms (2015 - May 2026)
Transformation Enzyme Corporation (2014 - 2015) | Target Pharmacy (1998 - 2013) | Wegmans (1994 - 1997)

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