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)

Charlotte, NC | Remote or hybrid | Full-time preferred, open to contract-to-hire
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