Deborah M. Burke-Allen, RPh

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

Supplements, Nutrition, and Diagnostics

SCIENTIFIC CONTENT | CLAIMS AND LABELING | PRODUCT | LAB TESTING | PRACTITIONER EDUCATION

Why Deborah Fits Supplement and Diagnostics Roles

Deborah is a functional-medicine pharmacist with 25+ years in pharmacy and healthcare. Her expertise spans the interconnected body: how the gut, immune, nervous, endocrine, and metabolic systems influence one another, and how medications, nutrition, and supplements act across them. For an integrative practice, she led development and scaling of a 25-formulation private-label line of about $360,000 a year, from formula vetting to final label approval.

~$360K annual private-label line	**25** private-label formulations	**10+ YEARS** supplement science and education	**ACTIVE RPH** NC #14013, under Deborah M. Allen

Typical Responsibilities: How Deborah Delivers

SCIENCE, PRODUCT, AND QUALITY

Translate nutrition and supplement science accurately

DIRECT EVIDENCE

Built the practice's education program, from blog posts to care plans, and in 2026 published label-standard reviews of her own product sheets.

Formula evaluation, sourcing, and COA review

DIRECT EVIDENCE

Vetted manufacturers' formulas for excipients, absorbability, and purity; reviewed batch COAs and stability data from 3 manufacturers.

Product integrity advocacy

DIRECT EVIDENCE

Changed a manufacturer's decision with evidence: after she documented an efficacy concern, the manufacturer restored the original formula.

Claims substantiation and label compliance

RELEVANT EXPERIENCE

Her claims work was for an integrative practice, not in an industry regulatory role: she wrote DSHEA structure/function claims and gave final label approval. Her published 2026 claims reviews match each claim to human evidence at the product's dose and form, the core of the FTC's competent and reliable scientific evidence standard. On her own probiotic sheet, she removed 7 of 16 claims, rewrote 8, and kept 1.

Lab and biomarker interpretation

DIRECT EVIDENCE

Integrated stool analyses (GI-MAP, Doctor's Data, Genova), organic acids, StrateGene reports, and conventional labs into one connected picture.

EDUCATION AND COMMUNITY

Educate practitioners and consumers on how body systems connect

DIRECT EVIDENCE

Led three twice-monthly mentorship cohorts for MDs, DOs, and NPs and weekly family roundtables on the gut-brain connection, inflammatory foods, immune resilience, and histamine and sleep. Presented for the Personalized Lifestyle Medicine Institute and the U.S. Department of Veterans Affairs.

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SUPPLEMENTS AND DIAGNOSTICS

Common Qualifications: Met and Exceeded

Science or health degree	**DIRECT EVIDENCE** Bachelor of Science in Pharmacy, Albany College of Pharmacy and Health Sciences, with an active North Carolina RPh license #14013, issued under Deborah M. Allen.
Drug-nutrient interaction expertise	**EXCEEDS REQUIREMENT** More than 25 years in pharmacy and healthcare, including a decade screening medication and supplement plans for drug-nutrient interactions.
Product safety and adverse event follow-up	**DIRECT EVIDENCE** Took families' adverse event reports, relayed each to the manufacturer, and checked whether the reaction was common or unusual.
Functional and integrative training	**DIRECT EVIDENCE** MAPS 2024 Functional and Integrative Care; Seeking Health genetic SNPs and epigenetics training with Dr. Ben Lynch (2017 - 2018); enzyme formulation science under Dr. DicQie Fuller.
Use of AI with accuracy safeguards	**DIRECT EVIDENCE** Directs Claude, ChatGPT, and Perplexity for research and drafting and verifies every citation against the primary paper.

What Deborah Brings to Your Team

- Range across the interconnected body: gut, immune, nervous, endocrine, and metabolic systems.
- Scientific accuracy that protects the brand and the customer.
- Hands-on product experience, from formula vetting and sourcing to label approval, pricing, and forecasting.
- Content that turns complex biochemistry into everyday choices.
- Credibility with practitioners as a licensed pharmacist and educator.

Career Highlights

Supply continuity
identified and vetted alternate sources by specifications and COAs during a six-month probiotic backorder

Pediatric delivery
solved taste and flavor problems for children and wrote the practice's Supplement Mixing Guide

Price and value
negotiated an ingredient's price below what other offices received and resized a product to compete on price

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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