

OLGA LAVINDA, PhD

AI PRODUCT & TECHNICAL STRATEGY | 0→1 SYSTEMS | AGENT INFRASTRUCTURE

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SUMMARY

Founder, product strategist, and scientific systems leader who turns ambiguous high-stakes problems into coherent products, technical roadmaps, and production operating systems. Directed Clarity, Clarity MCP, MCP Queen, and Constat/Radar from concept through architecture, build orchestration, launch, and evidence-backed iteration. Combines PhD-level scientific judgment with product discovery, monetization, platform strategy, developer experience, and cross-functional execution.

PRODUCT PORTFOLIO

Clarity: condition-aware product intelligence across 4M+ scannable products and 29K+ evidence-graded ingredient records. **Clarity MCP**: twelve agent tools carrying the same decisions and provenance into MCP workflows. **MCP Queen**: deterministic trust grading, evidence receipts, monitoring, API/MCP access, badges, and public datasets for the MCP ecosystem. **Constat/Radar**: structured FDA/CMS regulatory intelligence exposed through 13 current public MCP tools.

PROFESSIONAL EXPERIENCE

Founder & Principal Scientist / AI Product & Strategy Lead | Health AI | New York, NY | Nov 2019–Present

- Set the Clarity-first product thesis and rationalized a broad portfolio around one primary consumer and API platform, with secondary projects presented as focused proof points rather than competing brands.
- Directed a multi-million-row product and evidence platform combining heterogeneous public datasets, curated scientific records, condition-specific decision logic, product resolution, citation layers, and signal overlays.
- Defined product architecture across scanner, checker, chat, trackers, subscription, API, and MCP channels; aligned shared logic so human and agent surfaces return consistent decisions and provenance.
- Led the platform migration from Vercel to Cloudflare Workers/Pages/R2/OpenNext, preserving routing, SEO, public APIs, and production continuity while improving deployment control and edge performance.
- Designed pricing and packaging for consumer subscriptions, digital products, and developer API plans; built launch assets, technical documentation, funnel logic, and partner-ready product narratives.
- Created MCP Queen's trust-first category strategy: verify security, evidence quality, reliability, metadata, and change history before an agent connects; shipped live probing, deterministic grading, badges, API/MCP access, methodology, monitoring, and distribution datasets.
- Directed current distribution across MCP Registry, Glama, Awesome MCP, and Hugging Face for MCP Queen, Clarity, and Constat/Radar; established private implementation and curated public-release lanes.
- Won a competitive enterprise tire-industry AI RFI; translated the workflow into a scanner validated on 203 vehicles and published a dual-VLM consensus method reaching approximately 95% accuracy on high-confidence agreed fields.

Assistant Professor of Chemistry & Principal Investigator | Yeshiva University | New York, NY | Jan 2025–Present

- Run a scientific product-development loop for research: define falsifiable questions, create reusable validation pipelines, allocate work across student teams, review outputs, and convert findings into grants, presentations, and manuscripts.
- Develop AI-literacy and human-in-the-loop workflows that help scientific users adopt frontier tools without collapsing uncertainty into false confidence.

Life Sciences Consultant / Scientific Communications Liaison | GeneCentrix | New York, NY | Nov 2018–Mar 2020

- Shaped business-model, commercialization, validation, grant, and partner materials for a biotechnology startup; contributed to \$1.5M in secured funding and partnerships.

Operations Manager | Molecular Design Institute, NYU | New York, NY | Sep 2016–Jan 2020

- Managed operations and stakeholder coordination across four drug-discovery initiatives, bridging research design, clinical collaboration, resourcing, and commercialization.

ADDITIONAL EXPERIENCE

NIH NRSA Postdoctoral Fellow, NYU Langone Health (2016–2019) | Director, NIDA-Sponsored SURP, NYU (2017–2018) | Lecturer, NYU (2016–2020) | Contract Faculty / Assistant Professor, CUNY (2011–Present)

PRODUCT & TECHNICAL SKILLS

0→1 product strategy; discovery and requirements; portfolio positioning; technical program management; AI evaluation; agentic workflow design; MCP/API product design; evidence and provenance architecture; Postgres/Supabase; Cloudflare Workers/Pages/R2; OpenAI/Gemini integrations; monetization and packaging; technical SEO/GEO; partner enablement; scientific communication.

EDUCATION & CREDENTIALS

PhD, Chemistry, New York University, 2017 | **2× NIH Kirschstein NRSA Fellow**, NYU Langone Health | Honors BA, Chemistry & Biology with CIS, CUNY, 2011 | Health Innovations & Therapeutics Program and Project Management training, NYU Grossman School of Medicine

Selected technical publications: Clarity API & Data Dictionary, DOI 10.5281/zenodo.19423468; Offline Dual-VLM Tire Extraction, DOI 10.5281/zenodo.19515682. **Recognition**: Eugene M. Farber Award; Henry M. MacCracken Fellowship.