

# Peter Vogel



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Greater Boston, MA

## Product and Program Management for Biotechnology

### SUMMARY

Strategic leader with an extensive background in clinical trials, software and hardware development, clinical R&D, and New Product Introduction.

### KEY SKILLS

- Product Management • Program Management • Marketing • Clinical Trial Planning • SaaS • ML and Gen AI • Agile/Scrum
- New Product Introduction • Software Development Life Cycle • Hardware Development • GXP/GCLP • LIMS
- Automation/Robotics • Cloud Services • Lean/Six Sigma • Digital Health • Regulatory Compliance

### TECHNICAL SKILLS

**Programming languages:** HTML, Javascript, C#

**Web Technologies:** Rest API, J2EE, HTML5, CSS, XML

**UX Modeling:** Balsamiq, Figma

**Data Management:** MySQL, MSSQL, MS Access

**CRM/LM:** Salesforce, HubSpot, Monday

**Business Intelligence:** Power BI, Looker, Tableau

**Cloud Platforms:** AWS, MS Azure

**Project Management:** Confluence/JIRA, MS Project, Smartsheet, Airtable, ProductPlan, ClickUp

**Requirements, CAD/PMI:** DOORS, Jama, AutoCAD, Fusion

### Work Experience

#### Senior Director of Product Management, Clinical Development

Oct '23 - Present

##### Moderna

Cambridge, MA

Responsible for all digital systems supporting the company's GCLP regulated clinical biomarker labs:

- Led a multi-functional team of application engineers, business analysts, computer system validation leads, product and program managers
- Oversaw the implementation of multiple LIMS systems (LabVantage and Watson) supporting clinical biomarkers and supply
- Led the restructuring of the clinical systems team into a focused and sustainable resource model.

In June 2024, assumed responsibility for multiple technology initiatives supporting the clinical development organization, Including:

- Transition of the company's financial and clinical operations analysis to an internally built data warehouse and reporting solution
- Implementation and integration of the Cluepoints risk-based management platform
- Led the creation of LLM-based automated data parser to support the rapid ingestion and analysis of site and CRO budget data
- Proof of Concept to evaluate algorithmically based, parametric cost forecasting for the company's clinical study portfolio
- Product owner for patient-centric digital health tools used in clinical trials

#### Director of Program Management

Sep '21 - Nov '22

##### Synthego

Redwood City, CA

- Led PMO team responsible for a portfolio of cross-functional programs, governing product strategy and roadmap
- Owner of NPI and PDP for seven distinct programs, administration of stage gates, approvals process and leadership oversight
- Hired, trained, and mentored team of four program and product managers leading research, operational, and commercial functions
- Owned and tracked company-wide OKRs, responsible for traceability of program and operational milestones to company revenue targets and vision
- Established standards for product KPIs, revenue projections and RONA for new product definitions

#### Senior Program Manager

Jul '19 - Sep '21

##### Synthego

Redwood City, CA

- Led three cross-functional programs - encompassing software, hardware, data and commercial groups - from Feasibility through Development, Early Access, and Production Release
- Successfully led rescue program launch of automated, 10,000 sq. ft. GMP compliant, semi-automated RNA production facility
- Managed and approved business cases, program budgets, product definitions, customer profiles, and project plans for all new products
- Program Manager and de-facto product owner of prototype robotic workcell for iPSC cell culture
- Successfully implemented Lean practices to improve TAT by over 30% for project feasibility, onboarding, operational workflows, inventory, and shipping

- Managed New Product Introduction for B2B products and services through five successful releases, encompassing commercial and technical release planning and leadership of cross-functional teams.

**Product Manager, Software**

Jan '18 - Jul '19

**Synthego**

Redwood City, CA

- Responsible for suite of ML-driven, cloud-based bioinformatics tools used in the design and analysis of CRISPR knockout and knock-in edits, as well as commercial webstore and backend. Mobile and browser based development and validation.
- Led and approved creation of digital and physical marketing content and planning for bioinformatics suite
- Owner of technology roadmaps and feature prioritization for all company's externally facing software services
- Negotiated partnership and license agreements with three key accounts for private use of proprietary bioinformatics tools
- Implemented and owned Agile/Scrum within software teams

**Lead Product Manager**

Aug '10 - Jan '18

**Bioclinica**

Newark, CA

- Product owner and project manager for an enterprise PACS, analysis, and data management platform running over 200 clinical trials, including microservices-based SaaS architecture. Supporting thousands of global clinical sites, multiple operations centers and central imaging labs
- Product Manager for Neurology, Oncology, and Osteoarthritis analysis, including medical device monitoring and safety event reporting
- Implemented a unified SSO security model governing blinded analysis as well as user, data, and functional access control
- Led development of structured classification machine learning algorithms for clinical imaging (detection of amyloid plaques, blastomas, and adverse events from MR/XR data.)
- Led a mixed team of product managers, project managers, and technical writers across multiple therapeutic areas
- Represented the company in over 100 regulatory compliance audits
- Authored and approved requirements, design specifications, and testing documentation subject to FDA, EMA, HIPAA, GDPR regulations and review
- Led user acceptance testing and training across internal and external groups at all levels of expertise

EDUCATION

**M.A in Writing**

**University of San Francisco**

San Francisco, CA

Areas of Study: Writing, Education

**B.A. in International Politics**

**Pennsylvania State University**

University Park, PA

Areas of Study: International Politics, History

VOLUNTEER EXPERIENCE

- Volunteer/Judge, Californians for Civic Education
- Sierra Club

ADDITIONAL INFORMATION

- **Languages:** English, some French, German
- **Interests:** Writing, Hiking, Tabletop RPG/Board Games, Sailing