

EXPERIENCE

Prescient Healthcare Group, *Advisory*

Director

2020 - present
San Francisco, CA

- Helping lay the foundation for a start-up advisory team aiming to build a business as product-focused strategic partners for biopharma and diagnostics organizations

L.E.K. Consulting LLC, *Life sciences and healthcare*

Engagement manager

2016 - 2019
San Francisco, CA
London, UK

- Completed ~30 projects for a diverse client base in biopharma, biotech, diagnostics, and research tools, spanning corporate strategy, product / franchise strategy (including launch and lifecycle management), and transaction support (both buy- and sell-side)
- Led U.S. and E.U. project teams of 2-10 for over 3 years; owned projects end-to-end, including thought leadership, workplanning, client management, research and analysis, and output creation and delivery
- Long track record of 'Outstanding' performance rating and multiple early promotions; most recently promoted to Engagement Manager 6 months early in September 2019

Harvard University, *Wyss Institute for Biologically Inspired Engineering*

Postdoctoral fellow

2015 - 2016
Cambridge, MA

- Built microfluidic heart-on-a-chip with contractile cardiomyocytes, functional endothelium, and integrated functional, optical, and electrical readouts for high-throughput drug screening

LifeNet Health, *Cardiovascular Product Development, Research and Development*

Postdoctoral fellow

2014
Virginia Beach, VA

- Designed and executed clinical trial validation studies for novel heart valve allografts

EDUCATION

Carnegie Mellon University, *Doctor of Philosophy (Ph.D.)*

Biomedical engineering

2010 - 2014
Pittsburgh, PA

Thesis Advisor: Dr. Jeffrey O. Hollinger

Committee: Drs. Krzysztof Matyjaszewski, Yuji Mishina, Christopher Bettinger, Matthew Quigley

Dissertation: RNA Interference Therapeutics for Fibrodysplasia Ossificans Progressiva

- Developed gene editing / RNA interference therapeutics for pathologies of extraskeletal ossification such as FOP and trauma-induced heterotopic ossification

University of Toronto, *Bachelor of Applied Science (BASc)*

Engineering science, major in biomedical engineering

2006 - 2010
Toronto, ON

Advisor: Dr. John E. Davies

SKILLS

Strategic: corporate strategy, operational effectiveness, geographic expansion, portfolio valuation and prioritization, product revenue forecast / valuation, financial / capitalization table analysis, competitive positioning, pricing, reimbursement, market access, launch planning and commercial scale-up, commercial model optimization, commercial and vendor due diligence, grant and technical writing, project and team leadership

Scientific: experience spanning novel modalities (cell therapies, gene therapies, bispecific antibodies), therapeutic areas (esp. oncology and rare disease), genomics (incl. next generation sequencing, gene editing and profiling, cell and molecular biology), proteomics (mass spectrometry, immunoassays + other protein detection), cellomics (flow cytometry, organs-on-chips, patch clamp)

Technical: product design (e.g., SolidWorks, CAD), machine shop instrumentation, lithography instrumentation, code (C++, HTML5, R)