

Sebastian D. Herrera, MD

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Experience

LifeSci Capital

Equity Research Associate 2021-

Conduct deep-dive analyses on small- and mid-cap biotech companies, focusing on the areas of gene therapy and neuroscience

Publish initiation reports averaging 100+ pages that synthesize a review of the scientific literature, clinical perspectives (including physician surveys and interviews), and comprehensive market analysis

Build relationships with company management, investors, and KOLs, attend academic conferences, and keep a finger on the pulse of both the financial markets and medical community

Boston University

Lab Assistant 2016-17

Investigated the role of specific transcriptional coactivators in melanoma cell proliferation to support potential drug target discovery

Universitat de València

Research Associate 2014-2015

Designed and ran experiments focusing on precursor cell differentiation in the neural stem cell niche after stroke; assisted with grant writing

University of California, San Diego

Research Intern 2012

Evaluated genotype-specific effects of a dopamine-promoting agent in schizophrenia using animal models of impaired sensorimotor gating

Projects

Boston Medical Center Dept. of Surgery 2020

Developed multi-state statistical model as a quality improvement project to optimize hernia surgery referral process for cost and time

BMC Dept. of Radiology / Zebra Medical Vision 2019

Helped triage screening mammograms and reduce false positive rates in the hospital setting using machine learning and data curation techniques

Education

Boston University School of Medicine

Doctor of Medicine, 12/20

Amherst College

Bachelor of Arts, 05/14

Licensure

USMLE Step 1 05/18

USMLE Step 2CK 06/19

USMLE Step 2CS 09/19

FINRA Series 7 08/21

FINRA Series 87 01/22

FINRA Series 86 02/22

Skills

Writing

Medical writing
Scientific manuscripts
Documentation
Translation (Spanish-English)

Communication

Public speaking
Scientific, case presentations
Medical interpreting

Technology

Python	Excel
Ruby/Rails	Git
JavaScript	Docker
HTML/CSS	AWS