

DANIEL SIEGLE

EMPLOYMENT

MANUFACTURING ASSOCIATE III / ASSOCIATE SCIENTIST

2008-2010 Biogen, Inc. RTP, NC
2001-2002

- Performed large-scale protein purification by chromatography, ultrafiltration /diafiltration, and viral clearance according to SOPs in a cGMP environment.
- Executed and reviewed validation protocols on bioreactors, fixed tanks, chromatography skids, filtration, glasswash, autoclave and CIP systems.
- Trained new hires in all of the above tasks.
- Acted as lead technician on viral filtration for conformance lots at the LSM facility.
- Gathered data for a multivariate statistical control project.

MANUFACTURING ASSOCIATE

2008 Diosynth Biotechnology Morrisville, NC

- Perform medium-scale protein purification using IEX chromatography and UF/DF.
- Over 90% trained in first three months.

MANUFACTURING ASSOCIATE

2007 Biolex Therapeutics, Inc. Pittsboro, NC

- Participated in upstream and recovery operations in plant-based biologics production.
- Executed inoculation and general hood work, harvest, depth filtration, and UF/DF as well as routine and changeover cleaning.

MANUFACTURING ASSOCIATE

2006-2007 Human Genome Sciences, Inc. Rockville, MD

- Performed industrial-scale IgG purification from capture chromatography to UF/DF and bulk fill.
- Participated in cleaning validation and change over activities.

FISHERIES OBSERVER / MARINE BIOLOGIST

2002-2006 Alaskan Observers Inc., Atlantic Inspection Services, Marine &
1999-2000 Marine Life Consulting and the University of Florida

- Calculated catch size and composition estimates aboard commercial fishing vessels and collected a variety of biological data on a contract basis.
- Operated independently and routinely reported findings for over 500 sea days.
- Worked in the Bering Sea, North Pacific, Mid-Atlantic and Gulf of Mexico.
- Certified as a Level 2 Observer in the Alaskan groundfish program.

EDUCATION

2008 – 2013 North Carolina Central University

- Masters of Pharmaceutical Sciences – *in progress*
- Thesis title “Multidimensional Phenotype Profiling for a Breast Cancer Screening Assay”
- Designed and executed an automated microscopy high content screening of basal-like breast cancer cells in vitro that used multiple fluorescently labeled cellular structures to explore computational and mathematical models of cellular responses to drug challenges.
- Research familiarity with Cellprofiler, and statistical programming in MATLAB/Octave, R and Python in a Linux environment

1995 - 1999 University of North Carolina at Chapel Hill

- B.S. Biology
- Study abroad in Denmark and Turkey

1992 – 1994 North Carolina School of Science and Mathematics

VOLUNTEER EXPERIENCE

2008-2011 Durham Central Market

- Founding board member of a retail grocery store structured as a cooperative.
- Chair of the Location Committee.
- Heavily involved in organizational formation and development, incorporation, financial management, and hiring of project manager.

SKILLS

- Trained in current Good Manufacturing Practices and aseptic techniques.
- Experienced in SOP authoring, document generation and change control procedures.
- Proficient in MS Office (Word, Excel, PowerPoint), and Windows OS.
- Excellent communication skills from working successfully with a broad range of personalities.