

Gabrielle Kerkow

WORK EXPERIENCE

Biotage

San Jose, CA

Automation Field Application Scientist

February 2022 – Present

- Authored white papers and technical trainings. Presented them to global sales and application teams.
- Presented global webinar and created poster, present at conferences (Antibody Engineering, Peptalk).
- Optimized and generated customized scripts for plasmid purification on liquid handler.
- Evaluated the performance of automated protein purification platform against competitive technologies.
- Consulted with customers to streamline their workflow on liquid handlers (Opentrons, Hamilton, Tecan) and provided technical expertise on discovery calls and at product demonstrations.

ThermoFisher (formerly PPD, Inc.)

Madison, WI

Assistant Scientist

January 2021- January 2022

- Executed chromatographic assays at GMP standards for the biopharmaceutical stability team, including covid drug candidates. Primary assays included: HPLC (SEC, RP, CEX, AEX) on Agilent and Waters systems.
- Responsible for data trending analysis for long-term stability projects on LIMS.

Louisiana State University

Baton Rouge, LA

Research Assistant – MEDICINAL PLANT LAB

August 2020 – Dec 2020

- Mastered techniques in HPLC (RP and SEC)

Louisiana State University

Baton Rouge, LA

Research Assistant - PATHOBIOLOGICAL SCIENCES (PBS) LAB

May 2019 – July 2019

- Oversaw cell culture expansion, studied DNA synthesis and amplification.
- Performed PCR, titrations, and gel electrophoresis diagnostics.

FRENCH CONSULATE of New Orleans

New Orleans, LA

Mass Communication Intern

April 2016 – June 2017

EDUCATION

Master of Biotechnology (May 2025)

San José State University

Bachelor of Science: Biological Engineering, Psychology (December 2020)

Louisiana State University