

M. KENSEY BARKER

703.401.4969 | kenzrad@gmail.com

SKILLS AND QUALIFICATIONS

- 5+ years' experience in GLP regulated laboratories
- Proficient in Web Development (HTML5, CSS3, Javascript, Node.JS, API)
- Computer software literacy: MS Office (e.g., Excel, Word, Project), Statistical programs (R, SoftMax Pro, SigmaPlot), and various data analysis and LIMS systems
- Extensive technical writing experience (SOPs, methods, reports, grant writing, etc).
- Strong public speaking and presentation skills acquired from university-level teaching, academic research seminar, and client presentations
- People and project management experience
- Extensive experience in regulatory compliance (chemical and safety, standard operation procedure, training, etc.)

EDUCATION AND CERTIFICATES

Coding Bootcamp Certificate Program, Univ. of Richmond - Jan 2019-Current

M. Sc. Biology –Virginia Commonwealth Univ. - May 2014

B. Sc. Biology (min. Chemistry) - Virginia Commonwealth Univ. - May 2010

PROFESSIONAL EXPERIENCE

Associate Group Leader, Molecular Genomics

Pharmaceutical Product Development (2010-2012, 2015-Present)

- Manages a team of ~15 scientists
- Ensures regulatory compliance with direct reports and lab staff/area
- Analyzes and interpret data using molecular software and R statistical programming language
- Develops electronic laboratory test sheets using Visual Basic for Applications (VBA, Microsoft Excel Programming Language)
- Monitors and analyzes trending data from a SQL database
- Writes and reviews scientific, validation, and statistical reports

Adjunct Instructor/Graduate Teaching Assistant

Virginia Commonwealth University (2012-2016)

- Instructed Medical Microbiology Laboratory and GRE Preparation Courses
- Prepared lesson plans and lab materials
- Developed and evaluated exams/assignments
- Mentored students one-on-one in the classroom and during office hours

Graduate Research Assistant/Laboratory Technician - Microbial Ecology & Ecological Genetics Laboratories

Virginia Commonwealth University (2012-2015)

- Designed molecular protocols for monitoring environmental microbial processes
 - Conducted genetic research on oysters utilizing next generation sequencing, PCR
 - Maintained chemical, safety, and employee training records
 - Trained and mentored lab technicians on relevant protocols and procedures
 - Conducted weekly water quality monitoring of the James River
 - Reviewed manuscripts and grant proposals
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