Kelley L. Manfredi

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EXPERIENCE

Transgenomic, Inc. (Formerly PgxHealth) 06/07-03/16

Scientific Analyst, Supervisor-Analysis and Reporting, Analysis and Reporting Manager

■Oversight and prioritization of tasks for Analysis and Reporting department
■ Point person for communication with various departments and management within the company
■ Responsible for training of employees as well as developing employee training programs and competency testing
■ Perform critical quality control of genomic sequence data and clinical reports
■ Develop, draft and maintain relevant Standard Operating Procedures
■ Produce a variety of metrics
■ Help facilitate new test method/software development and validation
■ Responsible for performance monitoring and reviews of direct reports
■ Extensive experience with analysis and troubleshooting of Sanger sequencing data
■ Experience with MLPA data analysis and troubleshooting
■ Preparation and quality control of clinical genetic testing reports sent to physicians

Quinnipiac University, Biology Department 8/07-12/13

Adjunct Faculty Member

■ Taught introductory biology course for non-majors
■ Developed course material and grading rubrics
■ Attended various faculty meetings and development seminars

Quinnipiac University, The Learning Center, Hamden, CT 8/03-5/07

Peer Fellow, 1/07-5/07

■ Supported students in newly implemented math course with supplemental instruction
■ Prepared and conducted weekly group review sessions
■ Facilitated communication between students and professors

Graduate Assistant, 8/05-5/07

■ Assisted with everyday operations of the Center
■ Trained new and existing tutors in a variety of academic areas
■ Participated in developing future endeavors of the Center

Peer Tutor, 8/03-5/07

■ Provided content based tutoring in biology, chemistry, physics, math, and psychology coursework
■ Evaluated the learning skills and styles of students to facilitate academic and personal development
■ Underwent 30 hours of training and achieved master level certification by the College Reading and Learning Association

EDUCATION

Quinnipiac University, Hamden, CT
Master of Health Science in Medical Laboratory Science
Concentration in Biomedical Science, GPA 3.9/4.0, May 2007

Quinnipiac University, Hamden, CT
Bachelor of Science in Biomedical Science, May 2005, *Summa Cum Laude*
Minors: Chemistry and Psychology, GPA 3.8/4.0

SKILLS

Knowledge of OSHA, HIPPA, and CLIA standards
Computers: Microsoft Office products, Public genomics databases, SQL+/Oracle databases, various DNA Sanger sequence analysis software, analysis software for large DNA deletions/duplications, Laboratory Information Management Systems (LIMS).