

*Curriculum Vitae of
Kai Nakano Rasmussen*

SYNOPSIS

Laboratory Scientist who draws from experience in industry as well as academic biology laboratories.

EMPLOYMENT

Since

FEB/2019 to Current: PPD, Middleton, WI – Assistant Scientist

Responsible for performing routine sample preparation and analysis procedures, as well as quantitative measurement of pharmaceutical and biopharmaceutical compounds in different formulations for stability and analytical testing. Trains on routine operation, maintenance, and theory of analytical instrumentation, SOPs, and regulatory guidelines. Complies with and practices cGMP guidelines.

Since

JUL/2018 to JAN/2019: Covance/Eurofins Scientific, Madison, WI – Sample Coordinator

Coordinated samples for both nutritional chemistry and microbiological food safety in a laboratory setting. In charge of assigning relevant testing, specifications, and preparation for all types of food samples. Handled time-sensitive and vulnerable samples with strict aseptic technique. Worked with laboratory analysts to assign appropriate testing according to USP and other compendia requirements for clients.

EDUCATION

B.Sc., Biology, University of Wisconsin-Madison 2018

MAR/2015 to MAY/2018: Gilroy Lab, University of Wisconsin-Madison – Undergraduate Researcher

Performed molecular biology research in the NASA funded Gilroy Laboratory at the University of Wisconsin-Madison. Studied the role of peroxidases in spaceflight plant biology using RNAseq data retrieved from SpaceX CRS-4 in 2014. Created primers and used SerialCloner in-silica technology for genetic knockout and overexpression in *Arabidopsis thaliana*. Consistently practiced basic laboratory technique, PCR, and gel electrophoresis.

INDUSTRY KNOWLEDGE/SKILLS

cGMP, LIMS, Gel Electrophoresis, PCR