**Christen Williams, PhD**

**Somerset, CA 95684.** **christenlenneywilliams@gmail.com** **530 333-3394**

**TECHNICAL WRITER**

**I have extensive experience as a technical writer in a regulated software environment. I have worked closely with Regulatory Affairs, Quality Assurance, SMEs and software developers to ensure release of accurate documentation that met all FDA requirements, and met or exceeded customer deadlines. This included extensive use of version control and change tracking. Participated in regular team meetings to adapt to changes over each development cycle. I also have extensive experience successfully managing long- and short-term research projects, including budgets and personnel.**

**EXPERIENCE**

**Haemonetics Corporation, Braintree, MA 2006-2019**

***Technical Writer - Software - Remote***

* Created, maintained, and managed content for class 2 medical device (software) user documentation, including word documents, pdfs, and online help.
* Required thorough understanding of software functionality, which was often gained on the fly.
* Able to review lengthy software design specifications to extract pertinent data and logical relationships from code.
* Types of documentation created included user guides, administration manuals, product module design documents, white papers, installation guides, and update documents.
* These were created for FDA review, and then released for IT specialists and system administrators within hospitals, and blood bank managers creating SOPs.
* Document version control and repository systems included JIRA, Sharepoint, Vault, SVN. Software testing for some releases and provided UI feedback.
* Content management included extensive use of Word, extensive formatting using custom templates, Doc2Help, Framemaker, and training on Flare.
* Generated complicated diagrams for product module design documents using Visio.
* Created screen captures along workflows using SnagIt.
* Managed content from the international development team of software engineers and SMEs.
* Moved user documentation through our corporate RA/QA review process.
* Prepared documents for FDA review and ensured they were ready for approval by the FDA for 510(k) clearance.
* Prepared documentation for final customer release. Products include SafeTrace TX®, ElDorado Donor®, Donor Doc®, Donor Doc Phlebotomy™, eDonor®, SafeTrace, and Surround™.

**USDA/WS/National Wildlife Research Center, Fort Collins, CO 2000-2005**

***Research Molecular Biologist/Science Fellow - Team Leader***

* Established molecular genetics capability from purchasing equipment, lab layout, and initiating contact with collaborators within and external to the organization.
* Worked with multiple stakeholders with diverse, and sometimes conflicting, interests.
* Prepared grant applications, budgets, project timelines, and scientific publications. Extensive use of Excel and PowerPoint, for presentations and data analysis.
* Supervised technicians and students.
* Developed protocols allowing field personnel to correctly collect samples from a variety of species and sample types.
* Microsatellite genotyping, RFLP, nuclear and mitochondrial DNA sequence analysis using ABI377.
* Analysis of standard (blood, tissue) and non-invasive samples (hair, saliva, scat), including associated statistical analyses to verify results. A variety of mammals and birds.

**Purdue University 1997- 2000**

**Forestry and Natural Resources, West Lafayette, IN**

***Post-Doctoral Research Associate***

* Supervised graduate and undergraduate students on lab approaches, organized facilities for radioisotope work.
* Funding grants and budgets. Excel and PowerPoint, for presentations and data analysis.
* Preparation of scientific manuscripts for peer reviewed publication.
* Mammalian, avian, and salmonid genetics using microsatellite genotyping using ABI 377 and Licor, and RFLP.
* Parentage and population genetics, sub-specific differentiation and inter-specific gene flow.

**EDUCATION**

**Lincoln University, Lincoln, New Zealand**

**PhD, Biochemistry- Molecular Population Genetics**

**University of California, Davis**

**BS, Biochemistry, minor in German language**

**PUBLICATIONS**

**17 peer-reviewed scientific publications, list available on request**