



UPL Services
5 Laboratory Drive
Building 1, Suite 1100
Research Triangle, NC 27709
USA

**2023 CERSA Summer Intern Project Proposal
UPL, Ltd. US**

**UPL Services, 5 Laboratory Drive, Building 1, Suite 1100
Research Triangle Park, NC 27709**

Location of Internship: UPL AgTech Center, Research Triangle Park,
Durham, NC

(onsite and remote flexibility will be considered)

Contact:

Henry-York Steiner, Ph.D., Global Regulatory Asset Manager, UPL

Internship Title:

Global Maximum Residue Level (MRL) Analysis

Description:

The intern will compile global MRL and trade data from various sources and organize the data to allow for easy analysis via a database and user interface. The user interface will incorporate a decision tree that the intern will create to maximize the utility of the data. The intern will also compile outputs of the data into a dashboard and regular monthly company-wide communication highlighting MRLs and any issues directly impacting the company.

Scope of Work:

The compilation of the MRL and trade data will involve accessing a number of public websites and 3rd party proprietary databases to retrieve the data followed by organizing the data in a proprietary database. This effort will be in coordination with in-company experts in database management tools and global MRLs. Specific user queries will be used to beta test the new tool and outputs will be used for impact assessment for new products and registered products. These outputs will be incorporated into a dashboard and communicated to regional marketing and regulatory managers for discussion and potential action.

Upon completion of the internship, the intern will be able to gather and organize disparate data in a focused and directed manner, be able to initiate a project plan with objectives, milestones and deliverables to construct a novel database tool and provide critical information specific to a larger company objective.



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The intern will present details on the construction of the database, outputs from queries of the database and a draft of the company communication of global MRL data.

Proposed Project Timeline:

The project is expected to run up to 10 weeks:

Week 1

- Introduction to UPL; meet with Regulatory, IT and Marketing team members who are stakeholders in the project.
- Learn the basics of MRLs with in-house training that the Regulatory team has developed to explain basic MRL concepts.
- Be introduced to the specific UPL MRL objectives and issues that the project will solve.

Weeks 2-8

- Plan scope of MRL and trade data to collect
- Collect the in scope MRL and trade data for UPL products
- Project plan for database build
 - Data organization per database platform
 - Entry of data
 - Scope of User Interface
 - Beta testing of tool(s)
 - Review of outputs and build dashboard
 - Plan and coordinate with communications team for company communication

Weeks 9-10

- Finalize outputs for dashboard and Company Communication
- Internal and external presentations on project

UPL is the **5th** largest agrochemical company in the world, after the acquisition of Arysta LifeScience. UPL is a global leader in global food systems. With a revenue of **US\$5,040 Million**, UPL is now present in **138+** countries. We have market access to **90%** of the world's food basket and are focused on ushering growth and progress for the complete agricultural value chain including growers, distributors, suppliers and innovation partners. As a new company, we offer an integrated portfolio of both patented and post-patent agricultural solutions for various arable and specialty crops, including biological, crop protection, seed treatment and post-harvest solutions covering the entire crop value chain.