

**UDL LABORATORIES, INC.
INTERNSHIP PROGRAM 2008
PROJECTS: GOALS & OBJECTIVES
(3 – 6 Months)**

Project One: Process Improvements (1 intern 3 months)

Description:

- Evaluate heat seal runs, including contract packaging, PC300, and Shellpak runs to determine where efficiency gains can be captured.
- Evaluate personnel and automation equipment for the above packaging styles to determine if additional staffing or automation is needed to improve process efficiency, as well as which option provides the best cost solution both short and long-term.

Student Exposure:

1. UDL business.
2. Quality Assurance
3. Production
4. Maintenance

Student Involvement:

The student will be assigned to the Validation team. The Student will review the current production line set up processes to evaluate existing set up practices and timelines with the goal to stream line the process and establish new set up standards. This will require working with the Supervisors from Maintenance, Production, & Quality Assurance to develop an understanding of the departmental responsibilities and interactions during the set up process.



Project Two: Batch Record – Current process is too linear and cumbersome. Management of materials including; procedures for purchasing (lead times), receiving, scheduling of operations and staging.

(1 Intern for 6 months or 2 interns for 3 months)

Description:

Student Exposure:

1. UDL business.
2. Regulatory and Quality Assurance
3. Operations – Batch development, scheduling, staffing and processing.
4. Maintenance

Student Involvement:

The student will be assigned to the Compliance team and will be required to participate and provide input.

Project Three: Packaging Operations/Procedures (1 Intern 3 months)

Description:

- Determine if there is a link between packaging styles/machines and process variability.
- Determine what portions of existing quality controls should be tightened or reduced.
- Evaluate alternative quality monitoring systems for utilization within the process.

Student Exposure:

1. UDL Business
2. Manufacturing
3. Quality Assurance

Student Involvement:

Packaging Operations/Procedures, variability of processes by package types, use of personnel and evaluation of quality controls within the production rooms. Process improvements-Contract Packaging, Heat Seal or Shell Pak or if time allows, Scheduling process.

