Internship Host Institution (name and address): 
BASF 
26 Davis 
Drive 
Durham, NC 
27709

Internship Supervisor at Host Site: Jayme Williams/Durba Ghoshal

Contact information for Primary Internship Supervisor (email and office phone):
Jayme Williams: 
jayme.williams@basf.com 
919-475-9276

Internship Start Date: Early May 2023
Internship End Date: Late July 2023
Expected hours per week: 40 hrs

Internship Description:
The BASF LTO internship is an excellent opportunity for senior graduate student/ early post doc to experience working in an industry setting, while contributing to the business success. The selected candidate will be working in the Regulatory Science laboratory under supervision and will be involved in projects related to plant active insecticidal proteins. Purify trait proteins using established method and/or develop and optimize existing methods. (s)he will use proprietary methods to estimate newly purified proteins. Insect bioassay will also be utilized for efficacy testing.

What deliverables are expected at the end of the internship?
Purified, quantified, and activity validated protein(s) for further studies in the Regulatory Affairs group at BASF.

Intern Qualifications:
- Recombinant E coli protein expression experience
- FPLC affinity tagged protein purification experience
- Native protein purification from plants a plus
- Western Blot/Elisa
- Insect active protein bioassay experience a plus but not required