

Cuppoletti Malinowska Student Success Fund Summer Internship Opportunity for Chemistry Program Students

Criteria:

- Completion of Chem 12B with a grade of B or better
- 3.0 Overall GPA
- Must have financial need

Details:

- June 1st to August 21st
- Up to 40 hrs/week
- 8:00am-4:30pm
- Stipend of \$5,500

Internship Parameters

Interns will be working for the Chemical Production/Process Development/ Chemistry R&D group. This side of the company is primarily Organic Chemistry. Interns will be given projects based on current products that require refining of development.

Projects will include

- Organic synthesis from small scale (10g) to large scale (up to 500g)
- Characterizations using NMR, HPLC, TLC, Melting Point, Mass Spec and more
- Purification via column chromatography, trituration, recrystallization and/or aqueous extractions.
- Solubility studies for intermediates against solvents.
- Process development of HPLC methods, recrystallization conditions.

Typically a material is synthesized, characterized, purified and analyzed.

The students will learn how the O-Chem they've been exposed to is applicable in the real industry. They will have access to over a dozen chemists including PhDs to use as resources in gaining knowledge and insight into the chemical industry not to mention the practice on the instruments and data analysis.

To Apply: Contact Galen George ggeorge@santarosa.edu, Tatjana Omrcen tomrcen@santarosa.edu or the Department Office at 535-3771