

Each year, the Department of Chemistry and Physics hosts an Chemistry Student Research Symposium that features presentations from students who have participated in collaborative research throughout the academic year. This year, 4 senior chemistry majors and one junior chemistry/biology major participated in projects ranging from analytical to organic to biochemistry. Pictured below from left to right are Michael Shaheen (Sr. / Chemistry), Grace Beggs (Jr. / Chemistry, Biology), Liana Derringer (Sr. / Chemistry), Julie McCabe (Sr. / Chemistry), and Felicia Wong (Sr. / Chemistry). Of these participants, three students were awarded recognition. Liana Derringer was recognized for her study of the stability of penicillin G in microemulsions under acidic conditions in an effort to improve the drug's bioavailability. Michael Shaheen was recognized for his efforts in synthesizing 1,3,5-Trisaminomethyl-2,4,6-triethylbenzene as a macromolecular scaffold for a C3-symmetric bicyclic cyclophane cage molecule capable of showing direct detection of nitrates via an exchange with methyl red. Finally, Grace Beggs was recognized for her efforts in developing a proton NMR methodology for analyzing zinc-binding in Ribonuclease A.

