

Application for Undergraduate Research in the Cech Laboratory

Name: _____

Major: _____

Academic Standing at UNCG (i.e. sophomore, junior, etc) _____

Contact Number: _____ email _____ Cumulative GPA _____

1. In the space below or on a separate page, please describe why you are interested in doing research in the Cech laboratory.
2. In the space below or on a separate page, please describe your career plans.
3. Please find the article referenced below and *attach a copy of the article to this application*. In the space below or on a separate page, please summarize the findings of the article *in your own words*. (Do not copy the abstract or text from the article, rather, summarize the findings of the article).

Stermitz, F.R., P. Lorenz, J.N. Tawara, L.A. Zenewicz, and K. Lewis, *Synergy in a medicinal plant: Antimicrobial action of berberine potentiated by 5'-methoxyhydnocarpin, a multidrug pump inhibitor*. Proc. Nat. Acad. Sci., 2000. **97**(4): p. 1433-1437.
4. Please attach a copy of a laboratory report that you have written for another class (could be P-Chem, Organic Chemistry, Quantitative Analysis, etc...). If you are a freshman or sophomore and have not yet had a laboratory course that requires written reports, attach a copy of any paper you have written for a class.