

**2008-2009 School Year  
Research Experience  
(Neurophysiology)**

**Description:** Self-motivated student wanted to participate in research projects using molecular, immunocytochemical and/or physiological techniques to study cell signaling in taste cells.

**Beginning Date:** Summer 2008, potentially Fall 2008

**Requirements:**

- *Interests* in one or more of the following areas: cell signaling, neurophysiology, calcium buffering mechanisms.
- *A student* with a biologically based major, either sophomore, junior or senior
- *Demonstrated strengths* in basic biological classes/labs.
- *A commitment* of at least one year in the lab.
- *Preference* will be given to students who can work at least 9 to 10 hours per week, preferably in 3 to 5 hour blocks of time

**Compensation:**

Credit hours in Bio 498 (Honors in Biology) or Bio 499 (Independent Study).

**Anticipated Outcomes:**

- publications in peer-reviewed journals
- potential for Advanced Honors Thesis
- research experience to put on graduate or medical school applications

If interested, please contact Dr. K. Medler at [kmedler@buffalo.edu](mailto:kmedler@buffalo.edu).