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Link to original story: <https://www.uwlax.edu/news/posts/research-in-the-classroom/>

### **Research in the classroom** **Students gain hands-on experience through course-embedded research for over 20 years**

Image Captions

*1  
UWL Biology Professor Scott Cooper teaches students advanced molecular biology techniques. In the class, students are conducting course-embedded research for UWL faculty client Sumei Liu. (UW-La Crosse)*

*2  
From left, Gaden Geiser, biochemistry major, and Matthias Murphy, biochemistry and chemistry major, say one of the most valuable lessons in the class was encountering unexpected problems and learning to solve them on the fly. (UW-La Crosse)*

*3  
Maria Benz, a biochemistry major, says the class has been valuable because it engages students in real, unpredictable research rather than following a prescribed set of instructions. (UW-La Crosse)*

*4  
Students in Biology Professor Scott Cooper’s class are working on extracting DNA from intestinal tissue of mice and examining expression of the CRF1 gene using molecular biology techniques such as polymerase chain reaction (PCR) and quantitative polymerase chain reaction (qPCR). The goal is to determine whether gene expression increases in stressed mice, building on Biology Professor Sumei Liu’s previous findings linking the gene to stress. (UW-La Crosse)*