Do you **Want to Do Research in Biology?**
But you **Cannot Commit Many Hours?**
You may be interested in doing **Directed Research in PLANT IMMUNITY GENE DISCOVERY**

**PBio 4994 Directed Research**
**Fall 2015; 2 credits**
*Mentor: Dr. Fumi Katagiri, Dept of Plant Biology*

**What is the project about?**
Yes, plants have an immune system to protect themselves from pathogens. We will discover plant genes that are important in immunity by exploring natural variation in the model plant *Arabidopsis thaliana*.

**How does the project work?**
This is a team research project. We are hoping to have **12 to 20 students** working together.

**How am I going to contribute?**
You will work in the lab on the **St Paul campus** for **5 hours per week** (the time is **pretty flexible**) and participate in the **weekly project meeting** (**Fri, 12pm-1pm**). If you want to spend more hours for more credits, that can be arranged.

**What am I going to learn?**
Experimental design and planning; Experimental techniques in plant immunity research; Proper recording of experimental results; Principles of qualitative and quantitative genetics; Statistical analysis of experimental data; Management of team research; How to work in a team environment.

I don’t have any research experience…
No problem. We have TAs to train you in the lab.

I am interested. What should I do?
E-mail Dr. Katagiri at [katagiri@umn.edu](mailto:katagiri@umn.edu).