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**

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**PBio 4994 Directed Research**

Spring 2015; 2 credits  
Mentor: Dr. Fumi Katagiri, Dept of Plant Biology

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**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** (Thu, 4pm-5pm). 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.

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**I am interested. What should I do?**

E-mail Dr. Katagiri at **katagiri@umn.edu**.