

# Daisy Mayzie Wemble

500 Boyer Ave  
St. Peter, MN 99362  
*wemble@gustavus.edu*

21 Target St.  
Gene Falls, WI 98187  
(503) 555-1210

---

## Education

### Gustavus Adolphus College

Bachelor of Arts in Biology; Minor: Music

Expected graduation: *May 2007*

St. Peter, MN

Relevant Coursework: Biochemistry, Cell Biology, Genetics,  
Molecular Genetics, Immunology, Organic Chemistry

### University St. Andrews

Study Abroad Program

*Fall 2005*

St. Andrews, Scotland, United Kingdom

## Research Experience

### Idaho Medical Sciences University

Characterization of the Purine Salvage Pathway in *L. donovani*

Kinda Smartee, PI; Ima Smartytoo, Research Advisor

*Summer 2005-2006*

Boise, ID

### Gustavus Adolphus College

MtDNA Variation in Minnesota Streamfishes

Joel Carlin, PI

*Spring 2006*

St. Peter, MN

## Teaching Experience

### Gustavus Adolphus College Undergraduate Teaching Assistant

Biol 111 Biological Principles

Set-up and student mentoring for intro biochemical and organismal bio labs

*Spring 2005*

St. Peter, MN

### America Reads/America Counts

Intern

Helped K-4th grade students with reading and maths, both students having difficulty, and students ahead of their peers

*Academic Year 2003-04*

St. Peter, MN

### Camp Tillikum

Teen Counselor

Assisted Counselors in teaching campers respectful practices for the environment, and in activity preparation and supervision

*Summer 2003*

Chehalem Valley, OR

## **Awards and Scholarships**

Walter Brattain Scholarship  
NIKE RUDI Scholarship

2003-2006  
2003-2006

## **Certifications**

Radiation Safety Certification  
PADI Advanced SCUBA dive certification  
CPR certification

2005  
2003  
2003

## **Skills**

Research proficiency in several laboratory skills, including:

- Gel electrophoresis (agarose)
- Protein purification from tissue and its characterization
- Sterile technique for molecular biology
- Western Blot and ELISA
- Whole genomic DNA isolation

Experience with a wide range of laboratory skills, including:

- Culture of non-pathogenic bacteria
- Gas and column chromatography
- Gel electrophoresis (polyacrylamide)
- IR spectroscopy
- Polymerase chain reaction
- Protein crystalization
- RFLP analysis
- Tissue culture

Proficiency with Microsoft Windows (Word, Excel, Powerpoint) and Apple OSX  
Experience in cell line data management (Microsoft Access)

Valid U.S. Driver's license

## **Language Proficiency**

Spanish, 3 years, 1 semester university  
Tagalog, actively studied while living abroad

## **Activities and Service**

**Gustavus Adolphus College Debate and Forensics Team**  
Competed in intercollegiate policy and parliamentary debate  
and individual speaking events

2003-2006  
St. Peter, MN

**Gene Falls High School Debate Tournament**  
Helped organize and run this annual debate tournament,  
as well as judging debate and speaking events

2003-2005  
St. Peter, MN