

**Charles Warden**  
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**Summary**

- Background in genomics research
- Successful grant writing experience
- Leadership experience (academic and extracurricular)

**Work Experience**

Undergraduate Researcher (Georgia Tech, 2 years)

PI: Dr. Soojin Yi

NSF REU in Quantitative Systems Biology and Mathematical Biology

Published 2 papers, including 1 first author paper

Trained other undergraduate researchers

Camp Instructor (Zoo Atlanta, 3 years)

**Publications:**

**Warden, CD**, Kim, S-H. and Yi, S. (2008). Predicted functional RNAs within coding regions constrain evolutionary rates of yeast proteins. *PLoS One*. 3(2): e1559  
DOI :[10.1371/journal.pone.0001559](https://doi.org/10.1371/journal.pone.0001559)

Kim SH, Elango N, **Warden C**, Vigoda E, Yi SV (2006) "Heterogeneous genomic molecular clocks in primates." *PLoS Genetics*. 2 (10): e163.  
DOI: [10.1371/journal.pgen.0020163](https://doi.org/10.1371/journal.pgen.0020163)

**Selected Academic Honors:**

**Graduate:**

NSF Graduate Research Fellow

**Undergraduate:**

Cherry L. Emerson Research Award (awarded Spring 2007)

Marshall Fellowship Finalist (Fall 2006 – Southeast Region)

President's Undergraduate Research Award (Spring 2006)

**Extracurricular Activities:**

Habitat for Humanity (Fall 2007)

**Undergraduate:**

MOVE Outdoors Community Service Organization (4 years)

Assistant Chair / Co-Chair of MOVE Outdoors

MOVE Outdoors selected "Committee of the Semester" (Spring 2006)

Beta Beta Beta, Biological Honors Society (3 years)

Elected secretary and treasurer; coordinated several volunteer projects

**High School:**

Member of Student Association (4 years)

Elected secretary and vice president; chair/co-chair numerous committees

Outreach (Community Service Organization; 3 years)

**Education:**

**Graduate:**

Princeton University

PhD program in Molecular Biology (starting Fall 2007)

**Undergraduate:**

Georgia Institute of Technology

B.S., Applied Biology, Graduated with Highest Honor (3.96 GPA), May 5<sup>th</sup>, 2007

**High School:**

Graduated from The Galloway School on May 22<sup>nd</sup>, 2003 with 4.0 GPA

**Technical Skills:**

**Programming:** Proficient in Perl. Competent in Java, Python, SQL, and HTML.

**Molecular Biology Techniques:** PCR, Gel Electrophoresis