

Kristina Marie Herrmann

EDUCATION

2007: **B.S., Biology**

Concentration: Molecular and Cell Biology
Sonoma State University, Rohnert Park, CA, 94928

2008-present: **Additional Coursework**

Introduction to Behavioral Neuroscience, Moorpark College, Moorpark, CA 93021
Human Development, Psychology of Abnormal Behavior, Oakton Community College, Des Plaines, IL 60016
Sports Research Methods and Quantitative Analysis, Northwestern University, Chicago, IL 60611

RESEARCH EXPERIENCE

2009-present: **Research Technologist 1**

Department of Physiology, Northwestern University
Advisor: Dr. A. Vania Apkarian

- Lab manager for a lab that is working on various projects using non-invasive techniques to study the neurology of people with chronic and acute back pain. MRI trained, CPR certified, and certified to work with humans as well as rats.
- Programs used:

Statistica	SigmaPlot	MRICron
Adobe Photoshop	Microsoft Office	Notepad++ (for web design)

2006-2007: **Undergraduate Research**

Department of Chemistry, Sonoma State University
Advisor: Professor Jennifer Whiles-Lillig

- Project: "Cloning and Expression of Carnobacteriocin B2 as an Intein Fusion Protein"
- Technical skills developed include:

DNA amplification and extraction	digestion and ligation of plasmids
bacterial streaking	plasmid transformation into competent cells
- Presented a poster at the California State University Program for Education and Research in Biotechnology, January 2008, Oakland, California, and gave a talk at the 19th Annual Northern California American Chemical Society Undergraduate Research Symposium, May 2007, Rohnert Park, California.

2006: **Undergraduate Research**

Department of Chemistry, Sonoma State University
Advisor: Professor Jennifer Whiles-Lillig

- Project: "Extraction and Purification of Pectinesterase in Pineapple"
- An upper-division Chemistry lab in which the extraction and purification of the enzyme pectinesterase found in pineapple was attempted.
- Technical skills developed include:

dialysis	size-exclusion chromatography	SDS-PAGE
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- Presented a poster at the 4th Annual Department of Chemistry Capstone Laboratory Poster Session, May 2007, Rohnert Park, California.

EXTRACURRICULAR ACTIVITIES

2009: Volunteer for the Avon Walk for Breast Cancer, Chicago, IL

2007: Group Leader, SSU Chemistry Club National Chemistry Week Outreach Program, SSU

2007: Grader, Chemistry 445: Structural Biochemistry, SSU

2007: Attended the California State University Program for Education and Research in Biotechnology, Los Angeles, California

2006: Co-founder, Chess Club, SSU

WORK EXPERIENCE

- 2009-present: **Northwestern University** Chicago, IL
- Job position: Research Technologist 1 in the Department of Physiology
- 2002-2009: **Chili's Grill and Bar** Simi Valley and Rohnert Park, CA, Evanston, IL
- Job positions: Host, To-Go, Q.A./Expo, Server, Trainer, Bartender
- 2008: **Dakota's, the Great Steakhouse** Simi Valley, CA
- Job positions: Server, Line Support
- 2007: **Lil' Kickers** Rohnert Park, CA
- Job position: Soccer Instructor for children ages 18 months to 9 years old