

CURRICULUM VITAE

April L. Harkins
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Office:

Marquette University
Dept. of Clinical Lab Science
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P.O. Box 1881
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Education:

1998 Marquette University
B.S. Clinical Laboratory Science
2006 Medical University of South Carolina
Ph.D. Microbiology and Immunology

Specialty/Board Certified:

American Society of Clinical Pathologists
1998 Medical Technologist - 206412

Professional Experience:

05/2005-Present	Assistant Professor College of Health Sciences Department of Clinical Lab Science Marquette University, Milwaukee, WI
02/1999-07/2000	Medical Technologist, Special Chemistry Lab Corp. Englewood, CO
07/1998-01/1999	Medical Technologist, Generalist St. Joseph Medical Center Ft. Wayne, IN
06/1996-08/1996	Lab Assistant, Endocrinology Lab University of Chicago Chicago, IL

Teaching Experience:

Course Director: CLLS 160 Molecular Diagnostics: Laboratory
Techniques
3 credit hours
CLLS 187 Clinical Immunology and Serology
2 credit hours
CLLS 195 Microbiology Research
1-3 credit hours
CLLS 124 (Fall Term 2008 Only)
4 credit hours

Lectures and laboratories in Medical Microbiology and Senior
Seminar Series

Awards and Honors:

American Society for Clinical Laboratory Science
2008 ASCLS Annual Meeting
1st Place Poster Competition Award

American Society for Clinical Laboratory Science
Key to the Future Nominee - 2006

American Society for Clinical Laboratory Science – Wisconsin
Board Service Award – 2006, 2008
Key to the Future Award – 2006
Omicron Sigma Award – 2007, 2008

Membership in Professional Societies:

2005-Present American Society for Clinical Laboratory Science,

2004-Present American Society for Microbiology

Service:

2008 – Present Board of Directors – Member at Large
American Society for Clinical Laboratory Science–WI

2007 – 2008 Co-Chair – Convention Committee
American Society for Clinical Laboratory Science - WI
Annual State Convention, April 2008

2006 – 2007 Member – Dean Search Committee
College of Health Sciences

- 2006- Present Chair - National Laboratory Professionals Week and
Public Relations
American Society for Clinical Laboratory Science–WI
- 2005- Present Member - Marquette University Institutional
Biosafety Committee
- 2005-Present Board Member
Milwaukee Society for Clinical Laboratory Science

Presentations:

Clinical Laboratory Educators Conference

Savannah, GA, February 2008

Round Table Discussion

“Bridging the Gap: Clinical Lab Experience for the Non-laboratorians”

College of Health Sciences Summer Research Program, 2007

Marquette University, Milwaukee, WI

“The Role of Phospholipase D1 and Phosphatidic Acid in Yeast Cell Polarity”

Racine/Kenosha Society for Clinical Laboratory Science, 2006

Kenosha, WI

“Beyond Beer and Bread: The Important Role of Yeast in the Clinical and Research Labs”

South Eastern Regional Yeast Meeting, 2004

Memphis, TN

“Characterizing PLD1 Activity in *Schizosaccharomyces pombe*”

MUSC Student Research Day 2003

“Functional Interaction Between PLD1 and STE20 in *Saccharomyces cerevisiae*”

Abstracts:

Harkins AL, Miskulin D, Ru Y, Weerasekera R., and Schläppi M. Analysis of a novel class of plant specific antifungal proteins. Marquette University 2008 Forward Thinking Poster Session and Colloquy, December 2, 2008.

Miskulin D, Munson E, and **Harkins** AL. Characterizing Phospholipase D1 Activity in *Candida albicans* Isolates from

Different Host Sites. *Clinical Laboratory Science* 21(2), pg 143; 2008. American Society for Clinical Laboratory Science national meeting, July 2008, Washington D.C.

Dalal M, Josse F, Schneider S, **Harkins** AL. Work in progress: Monitoring mold growth using acoustic wave devices. Marquette University, Sigma Xi Symposium, April 2008.

Hoeger Bement MK, Keller ML, **Harkins** AL, Hunter SK. Cortisol levels before and after isometric contractions are not influenced by the menstrual cycle. American Pain Society, Tampa, FL, May, 2008.

Keller ML, **Harkins** AL, Yoon T, Schlinder-Delap B, Hunter SK. Cognitive and physical stressor increases salivary cortisol before and after a low-force fatiguing contraction. *Medicine and Science in Sports and Exercise* 40(5), S349; 2008. American College of Sports Medicine National Annual Meeting, May 28-31st, 2008, Indianapolis.

Harkins AL and Dolan JW. Upstream Regulators and Downstream Targets of Phospholipase D1 During Pheromone Response. South Eastern Regional Yeast Meeting, Gatlinburg, TN, 2002.

Publications:

Harkins AL, London SD, Dolan JW. An Upstream Regulator and Downstream Target of Phospholipase D1 Activity During Pheromone Response in *Saccharomyces cerevisiae*. *FEMS Yeast Res* **8** (2008) 237-244.

Submitted:

Hoeger Bement M, Rasiarmos R, DiCapo R, Lewis A, Keller M, **Harkins** A, Hunter S. Menstrual cycle phase does not affect pain perception before and after static contractions, *European Journal of Applied Physiology*, accepted 1-14-09

Yoon T, Keller ML, **Harkins** A, Schlinder-Delap B, Lepers R & Hunter SK. Sex differences in fatiguing motor performance in response to cognitive stress. *Journal of Applied Physiology*, March 2009.

In preparation:

Harkins AL, Yuan G, London SD, Dolan JW. An oleate stimulated, calcium independent phospholipase D in *Schizosaccharomyces pombe*. *Microbiology*, (to be submitted in February, 2009).

Miskulin D, Yuan G, Munson E, **Harkins** AL. PLD1 activity during dimorphic transition in clinical isolates of *Candida albicans* at differing infection sites. *in preparation*.

Hoeger Bement MK, Weyer A, Keller M, **Harkins** A, Hunter S. Pain perception following mental stress depends on baseline anxiety levels, *in preparation*.

Grant Proposals:

Funded

- a. Bone mineral density in MS: Endogenous and Exogenous factors, 2007, National Multiple Sclerosis Society, *Co-PI*.

Submitted

- b. Examining the role of PLD1 in clinical isolates of *Candida albicans* from multiple host sites, October 2008, National Institutes of Health, RO3 (PAS-07-382) (\$250,000), *PI*. – Funding notification 3/2009

Not Funded

- c. Analysis of a novel class of plant specific antifungal proteins. Marquette University 2008 Forward Thinking Poster Session and Colloquy, “Jump Start” grant (\$1,000) , *Co-PI*.
- d. Characterizing PLD1 in clinical isolates of *Candida albicans* during epithelial cell infection, October 2008, Marquette University RRG (\$6,000), *PI*.