

# Jenna L. Losh

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## EDUCATION

Princeton University, Princeton, NJ (9/07-present)

PhD Program in Geosciences

University of Illinois, Urbana-Champaign, IL

B.S. Biochemistry, Minors in Spanish, Environmental Science, GPA: 3.89/4.00

May 2007

Graduated Magna Cum Laude with Highest Departmental Distinction

Chancellor's Scholar Honors and James Scholar Honors

## HONORS AND AWARDS

The Michael E. Hriskevich \*52 Graduate Fellowship (2007-2008)

William T. and Lynn Jackson Senior Thesis Award for Best Biochemistry Senior Thesis (2007)

I.M. Kolthoff Award to present at 2007 Pittsburg Conference on Analytical Chemistry

Campus Honors Program Summer Research Grant, University of Illinois (2006)

School of Chemical Sciences Glenn Ullyot Scholarship, University of Illinois (2005-2006)

Panhellenic General Member Scholarship, University of Illinois (2005-2006)

College of LAS FMC Scholarship, University of Illinois (2003-2007)

## PROFESSIONAL EXPERIENCE

Research Assistant, University of Illinois, Urbana-Champaign (1/05-5/07):

With Professor Jonathan V. Sweedler, developed and employed techniques for both single cell analyses and the chemical imaging of neuronal systems with matrix assisted laser desorption/ionization (MALDI).

## PUBLICATIONS

Monroe, E.B.; Koszczuk, B.A.; Losh, J.L.; Jurchen, J.C.; Sweedler, J.V. "Measuring salty samples without adducts with MALDI MS," *International Journal of Mass Spectrometry*, 260, 237-242, 2007.

Monroe, E.B.; Jurchen, J.C.; Koszczuk, B.A.; Losh, J.L.; Rubakhin, S.S.; Sweedler, J.V. "Massively Parallel Sample Preparation Method for MALDI MS Analysis of Tissues," *Analytical Chemistry*, 78(19), 6826-6832, 2006.

## PRESENTATIONS

"Recommendations for a Sustainable Energy Policy at Illinois," University of Illinois Environmental Council Environmental Studies 350 Final Presentation. Urbana, IL. 2007.

“Not in Use, Turn of the Juice: A Case Study of Everitt Laboratory,” University of Illinois Environmental Horizons, poster presentation. Urbana, IL. 2007.

“Massively Parallel Single Cell MALDI MS Sample Preparation Method for the Analysis of Mammalian Nervous Tissues,” Pittsburg Conference on Analytical Chemistry, poster presentation. Chicago, IL. 2007.

“Analyzing Neuropeptides in the Nervous System Using Massively Parallel MALDI MS Sample Preparation Methods,” Women Chemists Committee Undergraduate Research Symposium, Urbana, IL. 2006.

“Chemical Imaging of Neuronal Systems at the Single Cell Level,” Campus Honors Program Scholar Adventure Series, Urbana, IL, 2006.