

Emily C. Radlowski, Ph.D., R.D.

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Campus Address

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EDUCATION:

University of Illinois at Urbana-Champaign, Urbana, IL

Ph.D. Nutritional Sciences

August 2012

Dissertation: Early Nutrition Affects Intestinal Development and Immune Response in the Neonatal Piglet.

Advisor: Sharon M. Donovan, Ph.D, R.D.

University of Illinois at Urbana-Champaign, Urbana, IL

B.S. Human Nutrition, Minor in Chemistry

May 2007

PROFESSIONAL CREDENTIALS

Registration in Dietetics (R. D.) #01044032

July 2012- present

ACADEMIC POSITIONS:

Department of Animal Sciences

University of Illinois at Urbana-Champaign, Urbana, IL

- Post-Doctoral Researcher in the laboratory of Dr. Rodney Johnson July 2012- present

Department of Food Science and Human Nutrition,

University of Illinois at Urbana-Champaign, Urbana, IL

- Assistant to the Director of the Graduate Dietetic Internship June 2012- December 2012
- Instructor May 2010- July 2012
- Dietetic Intern, Graduate Dietetic Internship program August 2011- April 2012
- Teaching Assistant January 2008- May 2010

Division of Nutritional Sciences, University of Illinois at Urbana-Champaign, Urbana, IL

- Graduate Research Assistant August 2007- August 2012

TEACHING EXPERIENCE:

University of Illinois at Urbana-Champaign, Urbana, IL

Contemporary Nutrition (FSHN 120) – Instructor	Summer 2010, 2011, 2012
Nutritional Aspects of Disease (FSHN 420) - Discussion Leader	September -December 2009
Principles of Nutrition (FSHN 220) - Discussion Leader	Feb- April 2008, Sept- Nov 2008
Contemporary Nutrition (FSHN 120) - Teaching Assistant	Jan- May 2008, Aug- Dec 2008

CLINICAL EXPERIENCE:

Dietetic Internship:

Decatur Memorial Hospital, Decatur, IL Clinical and Foodservice Management	September - November 2011
Carle Hospital Diabetes and Oncology	January – February 2012

PROFESSIONAL AFFILIATIONS:

NACTA	2012-present
American Society for Nutrition	2009-present
Alpha Gamma Delta Honor Society	2009-present
Academy of Nutrition and Dietetics	2003-present

INVITED PRESENTATIONS:

“Infant and Toddler Nutrition” Early Childhood Development Laboratory, UIUC	November 2012
“Sow Milk, Formula and Combined Feeding Differentially Regulate Gene Expression in the Piglet Colon” Experimental Biology Conference, San Diego, CA	April 2012
“Early Nutrition Affects Microbial Colonization, T-cell number, and T-helper Phenotype” University of Wisconsin at White- Water, White-Water, WI	November 2010

HONORS:

NACTA Graduate Student Teaching Award	2012
Louis V. Logeman Graduate Student Teaching Award, University of Illinois	2012
Graduate Teacher Certificate, University of Illinois	2012
Division of Nutritional Sciences- Travel Award	2009, 2010, 2012
List of Teachers Ranked as Excellent	2009, 2010, 2011
American Society for Nutrition Pre-doctoral Fellowship, McNeil Nutritional	2010

PUBLICATIONS AND ABSTRACTS:

Doctoral Dissertation

Radlowski EC. Early Nutrition Affects Intestinal Development and Immune Response in the Neonatal Piglet. Doctorate of Philosophy. University of Illinois, Urbana-Champaign, 178 pages.

Manuscripts

Stroud CK, Nara TY, Roqueta-Rivera M, **Radlowski EC**, Lawrence P, Zhang Y, Cho BH, Segre M, Hess RA, Brenna JT, Haschek WM, Nakamura MT. Disruption of FADS2 gene in mice impairs male reproduction and causes dermal and intestinal ulceration. *J Lipid Res.* 2009;50:1870-80.

Abstracts

Emily C. Radlowski, Mei Wang, Marcia H. Monaco, Erica W. Nehrling, Kelly A. Tappenden, and Sharon M. Donovan **Mode of delivery and early nutrition differentially impact intestinal development of the neonatal piglet** *FASEB J.* 23: LB486

Mei Wang, **Emily C. Radlowski**, Marcia H. Monaco, George C. Fahey, H. Rex Gaskins, and Sharon M. Donovan. Intestinal microbiota of sow-reared piglets is unaffected by route of delivery. *FASEB J.* 23: 903.2

Mei Wang, **Emily C Radlowski**, Marcia H. Monaco, Long Chen, Michael J. Miller, George C. Fahey, H Rex Gaskins, and Sharon M. Donovan. Mode of delivery and early nutrition modulate microbial colonization and fermentation products in the neonatal piglet. *FASEB J.* 23: LB497

Emily Clare Radlowski, Mei Wang, Marcia Monaco, Sharon M Donovan. Early nutrition affects intestinal CD3+ T-cell localization in the neonatal piglet. *FASEB J.* 24: LB352.

Emily C. Radlowski, Mei Wang, Marcia H. Monaco, Jenny Drnevich, Sharon M. Donovan. Sow milk, formula and combined feeding differentially regulate gene expression in piglet colon. *FASEB 2012.*

Mei Wang, **Emily C. Radlowski**, Min Li, Marcia H Monaco, Sharon M. Donovan. Microbial colonization patterns of piglets fed both sow milk and formula is more similar to that of exclusively sow-reared than formula-fed piglets. *FASEB 2012.*