

Elizabeth A. Reznikov
Division of Nutritional Sciences
University of Illinois at Urbana-Champaign
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Education

2009-Present

PhD Student in Nutritional Sciences

University of Illinois at Urbana-Champaign, Urbana, IL

GPA: 3.63/4.0

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

Research focus: Effects of bioactive nutrients found in human breast milk on gastrointestinal development, including structure and function, and immune response

Prelim Doctoral Exam Passed

2005-2009

Bachelor of Arts in Biochemistry and Philosophy, Minor Cell & Molecular Biology,
Concentration Neuroscience

Albion College at Albion, MI

GPA: 3.60/4.0

Advisor: Vanessa McCaffrey

Research focus: Synthesis of metal-tetrone complexes as novel magnetic materials

Undergraduate Chemistry Honor's with thesis completion

Teaching Experience

Spring 2013 Nutritional Aspects of Disease (FSHN 420) - Discussion Leader

Fall 2012 Principles of Nutrition (FSHN 220) - Discussion Leader

Fall 2008-
Spring 2009 Albion College Chemistry Tutor

Research Experience

August 2009-
Current Effects of a bioactive protein found in human breast milk on gastrointestinal development, including structure, function and immune response

Graduate Research Assistant in the Laboratory Sharon Donovan, Ph.D., R.D., University of Illinois at Urbana-Champaign, Department of Nutritional Sciences

February 2008- Synthesis of chromium-tetrone complexes as novel magnetic materials

August 2009 **Undergraduate Chemistry Honors Student** in the Laboratory of
Vanessa McCaffrey, Ph.D., Albion College, Department of Chemistry

June 2007-
December 2007 The effects of heating butter in plastic and dioxin leaching
Undergraduate Research Student in the Laboratory of Vanessa
McCaffrey, Ph.D., Abion College, Department of Chemistry

May 2007-
August 2007 Characterization of the formation of the unit 3-hydroxyquinaldic
Acid in Thiocoraline biosynthesis
Undergraduate Research Student in the Laboratory of Sylvie Garneau-
Tsodikova, Ph.D., University of Michigan, Life Sciences Institute,
Department of Medicinal Chemistry

Presentations

April 2013 Development of a piglet model of neonatal systemic Staphylococcus
aureus infection
Presented at Experimental Biology 2013

April 2012 Dietary bovine lactoferrin stimulates intestinal proliferation in piglets
Presented at Experimental Biology 2012

April 2011 Novel use of confocal microscopy in conjunction with EdU technology to
determine in vivo cellular proliferation in the piglet intestine
Presented at Experimental Biology 2011

April 2009 Chromium-tetrone complexes as novel magnetic materials
Presented at the 20th Annual Elkin R. Isaac Student Research Symposium

March 2009 Chromium-tetrone complexes as novel magnetic materials
Presented at 237th ACS National Meeting & Exposition

July 2008 Coupling Organic Paramagnets to Metals
Presented at 2008 Foundation for Undergraduate Research, Scholarship,
and Creative Activity Summer Program

Scholarships, Honors, and Awards

Spring 2013 Division of Nutritional Sciences Margin of Excellence Research Program
Award

Spring 2013 William C. Rose Endowment Travel Award

Fall 2012- 2013 Ruth. L. Kirschstein Fellowship

Fall 2012 List of Teachers Ranked as Excellent

Spring 2011, 2012 Spring 2013	University of Illinois Margin of Excellence Travel Award
Spring 2011, 2012	Trainee Travel Award from International Society for Research In Human Milk and Lactation
Spring 2009	Albion College Chemistry Honors with thesis completion
Spring 2009	Jack Padgett Award for the outstanding senior major in the philosophy department
Spring 2007-2009	Albion College Dean's list
Fall 2005-2009	Albion College Webster Scholarship

Clinical Experience and Voluntary/Philanthropy Activities

March 2013- Current	Christie Clinic—Champaign, IL Physician Shadowing Physician: Dr. Cynthia Troiano
May 2012	General Medicine and Well Child International Belize Medical Relief through the International Service for Learning Team Leader: Denise Neal 2 weeks
May 2010	Well Child International Costa Rica/Nicaragua Medical Relief through the International Service for Learning Team Leader: Dr. Ivette Apanda 2 weeks
April 2006- May 2009	Phi Mu Fraternity, Children's Miracle Network Scholarship Chair, Philanthropy Chair
December 2007- January 2008	MSU Clinical Center Department of Pediatrics & Human Development Physician Shadowing Physicians: Dr. Yakov Sigal, Dr. Jane Turner, Dr. Peter Jennings 60 Hours
June 2007- June 2008	Saint Joseph Mercy Hospital—Saline, MI Emergency Room Volunteer Medical/Surgical Unit Volunteer Supervisor: Mike Smiley 99.5 Hours
June 2007-	University of Michigan Health System

August 2007 Neuro-intensive care unit Volunteer
Supervisor: Karen Shill
10 Hours

Professional Affiliations

2010-present Student member of the American Society for Nutrition

2010-present Alpha Gamma Delta Honor Society of Agriculture

2008-2009 Beta Beta Beta National Biological Honor Society

2008-2009 Student member of the American Chemical Society

Graduate Course work

Course Rubric	Grade	400-level hours	500-level hours
FSHN 595-Graduate Food Chemistry	A		3
Nutr 420- Nutritional Aspects of Disease	B	3	
Nutr 426-Biochemical Nutr I	A+	3	
Ansc 450- Comparative Immunobiology	A	4	
FSHN 595- Nutr for Food Scientists	A		3
Nutr 427- Biochemical Nutr II	A	3	
FSHN 440- Applied Statistical Methods I	B	4	
Nutr 510- Gastro Ferment & Dietary Fiber	B		1
Nutr 510- Publ Hlth Intrvntn-Obesity Prv	A		1
Nutr 590- Diet and Cancer	S		1
Nutr 590- Disciplinary Seminar	S		1
FSHN 421- Pediatric Nutr	A-	3	
Nutr 511- Regulation of Metabolism	B		4
Nutr 510- Endocrinology Meets Nutrition	A		1
Nutr 550- Grantsmanship and Ethics	A		3
Ansc 554- Immunobiological Methods	B		3
Nutr 561- Geriatric Nutr	A		2
Nutr 510- Adv Nutr Behavior Theory	In progress		
FSHN 471- Food & Industrial Microbiology	In progress		
NUTR 599 (Total hours):			70
	GPA: 3.61	Total h:20	Total h:23 (without 599)