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## I. EDUCATION, HONORS AND WORK EXPERIENCE

### A. EDUCATIONAL BACKGROUND

- 1993 - 1996                      **Ph.D. in Nutrition and Metabolism**  
University of Alberta, Edmonton, Alberta  
**Thesis Title:** Short-Chain Fatty Acids Enhance Intestinal Adaptation in Rats Receiving Total Parenteral Nutrition: A Multiorgan Analysis
- 1992 - 1993                      **Administrative Dietetic Internship**  
Misericordia Hospital, Edmonton, Alberta
- 1988 - 1992                      **Bachelor of Science (Food and Nutrition)**  
**With Distinction and First Class Standing**  
University of Alberta, Edmonton, Alberta

### B. ACADEMIC POSITIONS

- 2017 – present                      **Professor and Department Head**  
Department of Kinesiology and Nutrition  
University of Illinois at Chicago
- 2010 – present                      **Editor-in-Chief**  
Journal of Parenteral and Enteral Nutrition
- 2013 – 2015                      **Provost Fellow**  
Office of the Provost  
University of Illinois at Urbana-Champaign
- 2012 – 2017                      **Kraft Foods Human Nutrition Endowed Professor**  
Division of Nutritional Sciences  
University of Illinois at Urbana-Champaign
- 2008 - 2017                      **Professor of Nutrition and GI Physiology**  
Department of Food Science and Human Nutrition  
Division of Nutritional Sciences  
University of Illinois at Urbana-Champaign
- 2006 - 2009                      **Associate Dean**  
Graduate College, University of Illinois at Urbana-Champaign
- 2003 - 2008                      **Associate Professor of Nutrition and GI Physiology**  
Department of Food Science and Human Nutrition  
Division of Nutritional Sciences  
University of Illinois at Urbana-Champaign
- 1997 - 2003                      **Assistant Professor of Nutrition and GI Physiology**  
Department of Food Science and Human Nutrition  
Division of Nutritional Sciences  
University of Illinois at Urbana-Champaign
- 1996 - 1997                      **Post-Doctoral Fellow**  
Department of Integrative Biology, Physiology & Pharmacology  
University of Texas, Houston Health Sciences Center

## **C. SCHOLARSHIPS, HONORS, AND AWARDS**

### **2013 American Society for Parenteral and Enteral Nutrition Distinguished Nutrition Support Dietitian, Advanced Clinical Practice Award**

*Given to pay tribute to a dietitian member annually in recognition of his or her outstanding contributions in leadership, practice and advancement of dietitians in the field of nutrition support.*

### **2012 American Society for Nutrition Excellence in Nutrition Education Award**

*Given for outstanding contributions to teaching nutrition.*

### **2012 Inaugural Fellow of the American Society for Parenteral and Enteral Nutrition (FASPEN)**

*Recognition as an A.S.P.E.N. Fellow is a very high honor aimed at showing deep respect for members who go over and above for A.S.P.E.N. as an organization and who demonstrate a profound dedication to clinical nutrition and metabolism.*

### **University of Illinois Incomplete List of Teachers Ranked as Excellent by Their Students**

*Received for teaching FSHN 120 (1998, 1999, 2017), FSHN 329/429 (1998, 1999, 2001, 2002, 2003, 2005, 2010, 2011, 2012, 2013, 2014, 2015, 2016), FSHN 320/420 (2003, 2005, 2008, 2009, 2010, 2011, 2012), NUTRS 461/561 (1999, 2005) based on Instructor and Course Evaluation Questionnaire forms (top 10% of faculty) maintained by the Office of Instructional Resources.*

### **2011 University of Illinois Distinguished Teacher-Scholar Award**

*This is the premier campus award recognizing scholarly contributions and excellence in the areas of teaching and learning. The title of University Distinguished Teacher-Scholar is permanent throughout the recipient's appointment at Illinois.*

### **2011 University of Illinois College of Agricultural, Consumer and Environmental Sciences Senior Faculty Award for Excellence in Teaching**

*Awarded annually to recognize outstanding professional achievement and demonstrated excellence in the area of teaching.*

### **2010 University of Illinois Excellence in Undergraduate Teaching Award**

*Awarded annually to a faculty member demonstrating sustained excellence and innovative approaches to undergraduate teaching and learning.*

### **2009 University of Illinois University Scholar**

*Awarded annually to recognize excellence while helping to identify and retain the university's most talented teachers, scholars and researchers.*

### **2008 American Dietetic Association Excellence in Dietetic Research Award**

*Awarded annually to recognize an individual having demonstrated excellence in the area of research.*

### **2007 Teacher Fellow Award from the North American Colleges and Teachers of Agriculture**

*Awarded annually to individuals whose efforts represent the very best in agricultural higher education.*

### **2007 University of Illinois College of Agricultural, Consumer and Environmental Sciences Faculty Award for Excellence in Teaching**

*Awarded annually to recognize outstanding professional achievement and demonstrated excellence in the area of teaching.*

### **2005 American Society for Parenteral and Enteral Nutrition Dudrick Research Scholar Award**

*Awarded annually to recognize and support an investigator who has shown significant achievements in nutrition support, demonstrates exceptional research productivity and the potential to continue to make contributions in the field of Specialized Nutrition Support.*

**2004 University of Illinois College of Agricultural, Consumer and Environmental Sciences Faculty Award for Excellence in Research**

*Awarded annually to recognize outstanding professional achievement and demonstrated excellence in the area of research.*

**2004–07, 2007-10, 2011-14 University of Illinois College of Agricultural, Consumer and Environmental Sciences Academy of Teaching Excellence**

*The Academy of Teaching Excellence comprises a select group of College faculty who affirms and encourages excellence in teaching and advising by providing teaching development programs, leadership, and support to foster advances in instruction and promoting excellence in undergraduate and graduate education.*

**2003 American Society for Nutrition Sciences Bioserv Award**

*Given for meritorious research in nutrition by an investigator who received the doctoral degree in the ten years preceding the month the award is presented. The work recognized must involve the nutrition of experimental animals used as models.*

**2001 University of Illinois Department of Food Science and Human Nutrition Outstanding Faculty Award**

*Awarded annually to recognize an outstanding faculty member within the Food Science and Human Nutrition department.*

**1999 International Life Sciences Institute – North America Future Leader Award**

*Given to promising nutrition and food scientists to allow new investigators the opportunity to add to an existing project or to conduct exploratory research that might not receive funding from other sources.*

**1999 and 2006 University of Illinois Nutritional Sciences Graduate Student Association Faculty Award**

*Awarded annually by the Nutritional Sciences Graduate Student Association in recognition of an outstanding faculty member.*

**1998 National Institute of Health Promising Young Investigator Award**

*Awarded by the Nutritional and Health Benefits of Inulin and Oligofructose Conference Scientific Advisory Committee.*

**1998 American Society of Parenteral and Enteral Nutrition Harry M. Vars Award**

*Awarded annually for the best research presentation by a young investigator at the Clinical Congress, as a tribute to Dr. Vars and his pioneering developments in total parenteral nutrition.*

**1997–99 Natural Sciences and Engineering Research Council of Canada Postdoctoral Fellowship**

*Awarded to the recipient in the fields of engineering, computing and mathematical sciences, physics and chemistry, earth sciences and ecology, cellular and molecular biology, and life sciences and psychology, based on academic excellence, research ability or potential, communication skills, and interpersonal and leadership abilities.*

**1996, 1997 and 1998 American Society of Parenteral and Enteral Nutrition Dietitian Research Award**

*Awarded annually to a dietitian for the most outstanding research conducted in nutrition and metabolic support in furtherance of optimum nutritional care within the practice of dietetics.*

**1996–97 University of Alberta Walter H. Johns Graduate Fellowship**

*Awarded to all full-time students in graduate degree programs who are receiving major scholarships from the Natural Sciences and Engineering Research Council of Canada.*

**1996–97 Province of Alberta Graduate Fellowship**

*Awarded competitively to Canadian citizens or permanent residents that have completed at least one year of graduate study and be registered full-time in a doctoral program.*

**1996–97 NSERC Industrial Postgraduate Scholarship**

*Awarded to highly qualified science and engineering graduates. The support allows for the gain in a research experience in industry while undertaking advanced studies in Canada. These scholarships aim to encourage scholars to consider research careers in industry wherein they will be able to strengthen Canadian innovation.*

**1996 Canadian Association of Gastroenterology Fellows Research Award**

*Awarded by participants of the 5<sup>th</sup> Canadian Association of Gastroenterology Fellow's Course, in recognition of an outstanding research presentation.*

**1995 and 1997 American Society for Nutritional Sciences/Proctor & Gamble Graduate Student Research Award**

*In recognition of an outstanding abstract submitted by a graduate student at the 1995 and 1997 Experimental Biology meeting.*

**1995 and 1997 American Society for Nutritional Sciences/Proctor & Gamble Oral Competition Award**

*In recognition of an outstanding research presentation by a graduate student presenting in the oral competition at the 1995 and 1997 Experimental Biology meeting.*

**1995 University of Alberta J. Gordon Kaplan Graduate Student Award**

*Awarded to full-time doctoral and master's students in support of approved travel expenses related to a presentation of research.*

**1995 Canadian Federation of Nutritional Sciences and Wyeth-Ayerst Canada, Inc. Mary Ecclestone Graduate Student Award**

*In recognition of an outstanding paper in the field of nutrition presented at the 38<sup>th</sup> Annual Meeting of the Canadian Federation of Biological Sciences, Saskatoon, SK.*

**1995 Canadian Dietetic Association Exhibitor's Award**

*In recognition of great potential within the profession of dietetics.*

**1994 University of Alberta Elizabeth Russell MacEachran Scholarship**

*Awarded annually to full-time students in graduate degree programs in a discipline in the Faculty of Agriculture & Forestry and Home Economics, preferably in the field of food science and nutrition.*

**1994, 1995 and 1996 University of Alberta Anthony Fellowship in Human Nutrition**

*Awarded annually to an outstanding full-time student in, or admissible to, a graduate degree program in the field of human nutrition whose research best demonstrates a commitment to utilize fundamental metabolic nutrition to enhance the prevention of disease and the promotion of health.*

**1992 Alberta Registered Dietitian Association Audrey Dundas Award in Administrative Dietetics**

*In recognition of the graduating student from the nutrition major with the highest standing during the final two years who is proceeding into a dietetic internship.*

**D. RESEARCH AWARDS RECEIVED BY MENTEES DURING TRAINING WITH DR. TAPPENDEN**

**2016 Jane Naberhuis** – American Society for Nutrition Translational Research Award Competition Finalist

**2015 Jane Naberhuis** –Nutrition Symposium Poster Presentation, First Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences

**2013 Jennifer Barnes** - David H. Baker Nutrition Scholar Award, Division of Nutritional Sciences, University of Illinois

**Jennifer Barnes** –Nutrition Symposium Oral Presentation, First Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences

- Jane Naberhuis** –Nutrition Symposium Poster Presentation, Second Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences
- 2012 Jennifer Barnes** - American Society for Parenteral and Enteral Nutrition Harry M. Vars Research Award, Promising Investigator Award
- Hannah Holscher** - David H. Baker Nutrition Scholar Award, Division of Nutritional Sciences, University of Illinois
- Jennifer Barnes** – James L. Robinson Nutrition Impact Award, Division of Nutritional Sciences, University of Illinois
- 2011 Hannah Holscher** – James L. Robinson Nutrition Impact Award, Division of Nutritional Sciences, University of Illinois
- Hannah Holscher** –Nutrition Symposium Poster Presentation, First Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences
- 2010 Jennifer Barnes** - American Society for Nutritional Sciences Predoctoral Fellowship
- Hannah Holscher** – Department of Food Science and Human Nutrition Outstanding Teaching Assistant Award
- Hannah Holscher** – Kappa Delta Sorority Graduate Fellowship
- Frank Belsisis** - RAPII Outstanding Project Paper, Outstanding Project Poster, and Outstanding Project Presentation
- 2009 Heather F. Mangian** - American Society for Parenteral and Enteral Nutrition Harry M. Vars Research Award, Promising Investigator Award
- Heather F. Mangian** - American Society for Parenteral and Enteral Nutrition Promising Investigator Award
- 2008 Jennifer Barnes**- Food Science and Human Nutrition Outstanding Research Undergraduate Student, University of Illinois
- Camera Miller**- Outstanding Project Papers – Research Apprentice Program, College of ACES, University of Illinois at Urbana-Champaign
- Carina Dominguez**- Outstanding Project Posters – Research Apprentice Program, College of ACES, University of Illinois at Urbana-Champaign
- 2007 Angela Latsiou** - Outstanding Project Poster – Research Apprentice Program, College of ACES, University of Illinois at Urbana-Champaign
- 2005 Bianca A. Maples** – Nutrition Symposium Oral Presentation, First Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences
- 2004 Anne L. Bartholome** – David H. Baker Nutrition Scholar Award, Division of Nutritional Sciences, University of Illinois
- Anne L. Bartholome** – American Society for Parenteral and Enteral Nutrition Harry M. Vars Research Award
- David M. Albin** – College of ACES Graduate Student Research Award, University of Illinois
- Kristin Reifsteck** – Food Science and Human Nutrition Outstanding Research Undergraduate Student, University of Illinois
- Renu M. Stephen** – Nutrition Symposium Poster Presentation, First Place, University of Illinois at Urbana-Champaign, Division of Nutritional Sciences
- 2003 Keri A. Kles** – James L. Robinson Nutrition Impact Award, Division of Nutritional Sciences, University of Illinois

**David M. Albin** – Gamma Sigma Delta Professional Development Award

**Kristin Reifsteck** – Food Science and Human Nutrition Outstanding Research Undergraduate Student, University of Illinois

**2001 Keri A. Kles** – American Society for Nutritional Sciences/Procter & Gamble Graduate Student Research Award

**Anne L. Bartholome** - American Society for Nutritional Sciences/Procter & Gamble Graduate Student Research Award

**Anne L. Bartholome** - Nutrition Symposium Oral Presentation, First Place , University of Illinois at Urbana-Champaign, Division of Nutritional Sciences

**Nancy Correa-Matos** – American Society for Clinical Nutrition Young Investigator Award Finalist

**Keri A. Kles** – American Society for Parenteral and Enteral Nutrition Harry M. Vars Research Award

**Laura A. Milo** - American Society for Parenteral and Enteral Nutrition Harry M. Vars Research Award Finalist

**Anne L. Bartholome** – American Society for Nutritional Sciences Predoctoral Fellowship

**1999 Keri Kles** - American Society for Nutritional Sciences/Procter & Gamble Graduate Student Research Award

#### **E. PROFESSIONAL SOCIETY MEMBERSHIPS/ELECTED OFFICES**

American Dietetic Association (#879197)

American Gastroenterology Association (#169755)

American Physiological Society

American Society for Nutrition

American Society of Parenteral and Enteral Nutrition (#25883)

Canadian Association of Gastroenterology

Canadian Society of Nutritional Sciences

Gastroenterology Research Group

#### **ELECTED OFFICES HELD IN PROFESSIONAL SOCIETIES/FOUNDATIONS**

##### **American Gastroenterological Association**

Nutrition and Obesity Council Chair, AGA Institute Scientific Council, 2011-13;  
Vice-Chair, 2009-11

##### **American Society for Nutrition**

Secretary/Treasurer, Medical Nutrition Council, 2006-08  
Continuing Medical Education Subcommittee, 2009-12, 2014-16  
Co-Chair, 2010-2011; Chair, 2011-12, Co-Chair, 2014-16

##### **American Society for Parenteral and Enteral Nutrition**

Director of Research, Board of Directors, 2003-06  
Vice President, Board of Directors, 2006-07  
President-Elect, Board of Directors, 2007-08  
President, Board of Directors, 2008-09  
Immediate Past-President, Board of Directors, 2009-10

##### **American Society for Parenteral and Enteral Nutrition Rhoads Research Foundation**

Secretary/Treasurer, Board of Directors, 2003-04  
President, Board of Directors, 2004-06

Secretary/Treasurer, Board of Directors, 2004-07  
Director, 2008-12  
Treasurer, Board of Directors, 2013-15  
Secretary, Board of Directors, 2015-17

**Dannon Institute**

US Scientific Advisory Board, 2009-12  
US Board of Director, 2012-18  
Chair, Dannon Nutrition Leadership Institute Committee, 2012-18  
Treasurer, 2014-18  
Danone International Prize for Nutrition Nomination Committee, 2016

**F. RESEARCH PANELS/EDITORIAL BOARDS**

Panel Chair, United States Department of Agriculture-Agricultural Research Service Human Nutrition Program, NP 107 Panel 4: Translational Studies A, 2013-14  
Egg Nutrition Center Scientific Advisory Panel, Chicago, IL, 2012-14  
Special Emphasis Panel (ZDK1-GRB8), National Institute of Diabetes and Digestive and Kidney Diseases of the National Institutes of Health, 2003-05, 2007  
Clinical and Integrative Gastrointestinal Pathobiology Study Section, National Institute of Diabetes and Digestive and Kidney Diseases of the National Institutes of Health, February 2005  
National Research Service Award Postdoctoral Fellowship Review Panel (ZRG1 F06 (20) L), National Institute of Diabetes and Digestive and Kidney Diseases of the National Institutes of Health, 2005-07.  
Crohn's and Colitis Foundation of Canada Grants in Aid of Research Review Panel, 2005  
American Society for Parenteral and Enteral Nutrition Rhoads Research Foundation Grant Review Panel, 2000-01, 2003-04 (Chair), 2006 (Chair)  
Canadian Institutes of Health Research, Nutrition Peer Review Section, 2004, 2009-10  
Ad-hoc reviewer for: Canadian Dairy Association – 2000  
Texas Women's University – 2001, 2002  
UIUC Campus Research Board – 1997, 2001, 2002, 2010  
United States Department of Agriculture – 1999–2002  
North Carolina Biotechnology Center – 2002  
Canadian Crohn's Colitis Foundation – 2004

**EDITORIAL BOARDS AND PUBLICATION REVIEW CONTRIBUTIONS**

**Associate Editor** *Gastroenterology*, Micronutrients in Parenteral Nutrition: Too Little or Too Much? 2009 Nov;137(5): Supplement, Pages 1-134.  
*Gastroenterology*, Intestinal Failure, 2006 Feb;130(2):suppl 2.  
*Journal of Nutrition*, EB'04 proceedings, 2003 Nov;133(11)

**Editorial Board Member**

American Dietetic Association *Support Line* Editorial Board, 1998 - 1999  
*Journal of Parenteral and Enteral Nutrition* Current Summaries Editorial Board, 1998 - 2001  
*Intestine* Editorial Board, 2002 – present  
*Journal of Nutrition* Editorial Board, 2003 – 2007  
*Current Nutrition Reviews* Editorial Board, 2004 – present  
*World Journal of Gastroenterology* Editorial Board, 2006 – present  
*Current Opinion in Clinical Nutrition and Metabolic Care*, 2008 - present

**Ad-hoc Reviewer**

*American Journal of Physiology*

*Biochimica et Biophysica Acta*

*BMC Physiology*

*Canadian Journal of Physiology and Pharmacology*

*Comparative Biochemistry and Physiology*

*Digestion*

*Digestive Diseases and Sciences*

*Endocrinology*

*Experimental Biology and Medicine*

*Gastroenterology*

*Gut*

*Journal of Nutrition*

*Journal of Nutritional Biochemistry*

*Journal of Pediatric Surgery*

## II. FUNDED RESEARCH PROJECTS AND SOURCES

### A. PRINCIPAL INVESTIGATOR

<b>Tappenden KA</b> 11/17-5/19	Baxter Healthcare Corporation Optimization of Parenteral Nutrition	\$893,279
<b>Tappenden KA,</b> Kent AD, White B. 11/13 -12/16	Vision 20/20: Division of Nutritional Sciences <i>Prebiotic-Induced Intestinal Adaptation in a Parenterally-Supported Neonatal Piglet Model of Short-Bowel Syndrome.</i>	\$20,000/yr
<b>Tappenden KA,</b> Dilger RN, Donovan SM, Drackley JK, Fahey GC, Gaskins HR, Miller MJ, Stein HH, Swanson KS 6/11	Office of Research, College of ACES <i>Proposal to Secure Funds to Replace and Update Failing Modified Ussing Chamber Equipment</i>	\$32,733
<b>Tappenden KA</b> 12/09-12/13	Abbott Nutrition <i>Impact of Human Milk Oligosaccharides on Maturation of the Intestine</i>	\$281,349
<b>Tappenden KA</b> 6/10-12/13	Phibro Animal Health Corporation <i>Impact of Virginiamycin on the Development of Intestinal Structure and Functional Capacity in Growing Piglets.</i>	\$204,819
<b>Tappenden KA</b> 1/08-12/13	NPS Pharmaceuticals, Inc. <i>Stimulation of Intestinal Development in Neonatal Piglets by Teduglutide</i>	\$270,544
<b>Tappenden KA</b> 12/07-03/10	Nestle Nutrition, USA <i>The Effect of a Probiotic Containing Infant Formula on Local Markers of Immunity, Inflammation and Gut Health</i>	\$246,124
<b>Tappenden KA</b> 5/07-4/09	The Beverage Institute for Health and Wellness <i>The Regulation of Intestinal Water Absorption by Optimizing Beverage Composition in Humans</i>	\$254,129
<b>Tappenden KA,</b> Chang EB, Holst JJ, Musch M. 3/02-3/08	National Institutes of Health – R01 <i>Short-chain fatty acid enhanced intestinal adaptation.</i>	\$1,119,998
<b>Tappenden KA</b> 8/97-current	Protein Technology, Inc. <i>Unrestricted Research Funds</i>	\$50,000
<b>Tappenden KA</b> 7/98-current	Trust-Private Gift <i>Various Donors Unrestricted Research Funds</i>	\$40,000
<b>Tappenden KA</b> 7/99-current	U.S. Department of Agriculture <i>Dietary fiber and gastrointestinal function.</i>	\$28,000
<b>Tappenden KA</b> 7/06-12/07	The Beverage Institute for Health and Wellness <i>The Regulation of Intestinal Water Absorption in an Animal Model of Dehydration by Optimizing Beverage Composition</i>	\$192,000

<b>Tappenden KA</b> 5/05-5/07	The Beverage Institute for Health and Wellness <i>The regulation of intestinal water absorption by optimizing beverage composition.</i>	\$384,965
<b>Tappenden KA</b> 1/05-1/07	NPS Pharmaceuticals, Inc. <i>A study of the efficacy and safety of teduglutide in subjects with parenteral nutrition-dependent short bowel syndrome.</i>	\$73,637
<b>Tappenden KA</b> 9/05-1/07	Nestle Nutrition <i>Effects of prebiotic containing infant formula on fecal microbiota.</i>	\$202,622
<b>Tappenden KA</b> 5/05-08/06	Nestle Nutrition <i>The effect of a prebiotic-containing elemental enteral formula in a piglet model of pediatric gastrointestinal dysfunction</i>	\$121,979
<b>Tappenden KA</b> 3/05-2/06	Wyeth Ayerst Global Pharmaceuticals <i>Development of a GLP-2 bioassay to investigate intestinotrophic colostrum samples.</i>	\$34,407
<b>Tappenden KA</b> 4/04-6/05	Nestle Nutrition <i>Effect of protein source and degree of hydrolysis on intestinal adaptation during gastrointestinal hypoperfusion in piglets.</i>	\$90,705
<b>Tappenden KA</b> 1/03-1/05	NPS Allelix Corporation <i>GLP-2 and Necrotizing Enterocolitis.</i>	\$198,586
<b>Tappenden KA</b> , Donovan SM, Gaskins HR. 7/01-6/03	Illinois Council on Food and Agricultural Research <i>Neonatal intestinal function and resistance to diarrhea: Impact of soy fiber.</i>	\$93,000
<b>Tappenden KA</b> 1/01-12/01	UIUC Campus Research Board <i>Short-chain fatty acid enhanced intestinal adaptation.</i>	\$25,000
<b>Tappenden KA</b> , Donovan SM, Gaskins HR, White B, Issacson R. 7/98-6/01	Illinois Council on Food and Agricultural Research <i>Neonatal Intestinal Function and Resistance to Diarrhea: Impact of Soy Fiber</i>	\$123,000
<b>Tappenden KA</b> 1/99-2/01	American Society for Parenteral and Enteral Nutrition <i>Prevention of bowel ischemia with optimized nutrition.</i>	\$50,000
<b>Tappenden KA</b> 1/98-12/98	UIUC Campus Research Board <i>Strategies to optimize the nutritional support provided the critically ill.</i>	\$25,000
<b>B. CO-PRINCIPAL INVESTIGATOR</b>		
Raffals L, Pardi D, <b>Tappenden KA</b> . 10/13-09/17	Mayo-Illinois Microbiome Alliance <i>Prevention of pouchitis with prebiotic therapy, a double-blind, placebo-controlled trial.</i>	\$100,000

<b>Tappenden KA,</b> Wheeler RP 11/07-11/10	Alfred P. Sloan Foundation <i>Implementation of a Centrally-Administered, Campus-Wide, Sustainable Professional Science Masters Program</i>	\$330,336
<b>Tappenden KA,</b> Wheeler RP 4/07-3/09	Council of Graduate Studies <i>Ph.D. Completion Project- Phase II</i>	\$50,000
<b>Tappenden KA,</b> Wheeler RP 7/07-12/07	Alfred P. Sloan Foundation <i>To support Phase II of planning for a campus-wide PSM Initiative</i>	\$45,000
<b>Tappenden KA,</b> Wheeler RP 3/07-6/07	Alfred P. Sloan Foundation <i>To support a planning grant for campus-wide PSM Initiative</i>	\$43,575
Donovan SM, Gaskins HR, <b>Tappenden KA</b> 1/01-6/03	Wyeth-Ayerst Research <i>Development of nutritional therapies to enhance the intestinal function of neonates.</i>	\$115,000
Erdman JW, <b>Tappenden KA</b> 1/99 - 12/01	Protein Technologies Incorporated <i>Effects of soy protein on reducing the progression of renal nephropathy in males with Type 2 Diabetes Mellitus.</i>	\$100,000

#### **C. CO-INVESTIGATOR**

Dong FL, Lee S, Cadwallader K, Donovan S, <b>Tappenden KA</b> 8/04-7/12	USDA Cooperative State Research Extension and Service (CSREES) <i>Future Foods Illinois</i>	\$64,331
Donovan SM, <b>Tappenden KA.</b> 7/01-6/03	Illinois Council on Food and Agricultural Research <i>Soybean isoflavones as modulators of neonatal intestinal development.</i>	\$47,500
Merchen NR, <b>Tappenden KA.</b> 7/00-6/03	Illinois Council on Food and Agricultural Research <i>Effects of extruded fiber on digestibility and gastrointestinal characteristics.</i>	\$146,998
Erdman JW, <b>Tappenden KA.</b> 7/99-6/01	Illinois Council on Food and Agricultural Research <i>Effect of soy protein on reducing the progression of diabetic renal nephropathy.</i>	\$135,266
Burrin DG, Baracos VE, Holst JJ, <b>Tappenden KA.</b> 7/00-6/05	National Institutes of Health – R01 <i>Minimal enteral nutrient requirements in neonates.</i>	\$1,104,750

#### **D. Support for Training and Scientific Meetings**

Freund GG, Gaskins RH, Kelley KW, Dantzer R, Woods JA, Johnson RW, <b>Tappenden KA,</b> Donovan SM. 4/08-3/13	National Institutes of Health – 5T32DK059802-05 <i>Training in Inflammation and Nutritional Dysfunction.</i>	\$855,593
<b>Tappenden KA</b> 12/03-12/11	National Institutes of Health- 5U13DK064190-05 <i>A.S.P.E.N. Research Workshops on Clinical Nutrition</i>	\$500,000
<b>Tappenden KA</b>	National Institutes of Health 1R13DK075229	\$20,000

5/06-4/08	<i>Intersociety Nutrition Research Workshop: A joint effort between the American Society of Parenteral and Enteral Nutrition, American Dietetic Association, American Society for Nutrition, and the North American Society for the Study of Obesity</i>	
<b>Tappenden KA</b> 11/02-03/03	Teaching Enhancement Grant, College of ACES, UIUC <i>Teaching FSHN 329 Using the Problem-Based Approach</i>	\$1,500
Donovan SM, Beverly JL, Drackley JK, Garrow TA, Gaskins HR, Layman DK, Nakamura M, <b>Tappenden KA.</b> 7/02-6/05	United States Department of Agriculture National Needs Predoctoral Fellowships <i>Training in Human Nutrition.</i>	\$276,000
Donovan SM, Freund GG, Gaskins HR, Johnson RW, Kelley KW, <b>Tappenden KA,</b> Woods J. 4/02-3/07	National Institutes of Health – T32DK059802-05 <i>Training in Inflammation and Nutritional Dysfunction.</i>	\$1,022,337

### III. RESEARCH DISSEMINATION

#### A. DOCTORAL THESIS

Short-Chain Fatty Acids Enhance Intestinal Adaptation in Rats Receiving Total Parenteral Nutrition: A Multiorgan Analysis. University of Alberta, Edmonton, Alberta, 1996.

#### B. BOOKS EDITED

1. Langnas AN, Bianchi A, Quigley EM, **Tappenden KA** (eds). *Intestinal Failure: Diagnosis, Management, and Transplantation*. Oxford, England: Blackwell Publishing, 2008.

#### C. INVITED BOOK CHAPTERS

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#### **E. CONFERENCE PROCEEDINGS**

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#### **F. REPORTS**

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#### **G. ABSTRACTS (only those not yet published as peer-reviewed publications included)**

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#### **H. INVITED LECTURES, SYMPOSIA CHAIRED, INVITED DISCUSSANT, INDUSTRY PRESENTATIONS**

##### **Invited Lectures**

383. The Pro's and Con's of Pre- and Probiotics in Pediatric Intestinal Failure. Omaha Medical Center, Omaha, NE, December 15, 2016.
382. Exploring Prebiotics, Probiotics and the Microbiota – Relevance to Pediatric Health and Disease. Omaha area Pediatric Gastroenterologists, Omaha, NE, December 14, 2016.
381. Debate: Can We Treat Malnutrition in the Hospital? American Society for Nutrition, Advances and Controversies in Clinical Nutrition. Orlando, Florida, December 9, 2016.
380. Probiotics, Prebiotics and the Role of the Infant Intestinal Microbiota in Health and Allergic Disease. Charlotte, North Carolina Area Clinicians, December 6, 2016.
379. Probiotics, Prebiotics and the Role of the Infant Intestinal Microbiota in Health and Allergic Disease. Chicago, Illinois Area Clinicians, November 17, 2016.
378. Dietary Fiber in Critical Care. Peace Health St. Joseph Medical Center, Bellingham, WA, November 11, 2016.
377. Dietary Fiber in Critical Care. Puget Sound Critical Care Nutrition Symposium. Seattle, WA, November 10, 2016.
376. The Pros and Cons of Pre- and Probiotics. Pediatric Intestinal Failure Research Symposium. Los Angeles, CA, October 28, 2016.
375. Probiotics, Prebiotics and the Role of the Infant Intestinal Microbiota in Health and Allergic Disease. Little Rock, Arkansas Area Clinicians, October 20, 2016.
374. Parenteral Nutrition in 2016: To Wean or Not to Wean? World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, PQ, October 8, 2016.
373. Probiotics, prebiotics and recent advances in our knowledge of the infant intestinal microbiome in health and disease. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, PQ, October 7, 2016.
372. State of the Art Lecture – Intestinal Failure: A New Era. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, PQ, October 6, 2016.
371. The Role of Nutrition in Optimum Gastrointestinal Health. Childrens Hospital of Los Angeles, Los Angeles, CA, September 29, 2016.

370. The Role of Nutrition in Optimum Gastrointestinal Health. Beverly Hills, CA Area Clinicians, September 28, 2016.
369. The Role of Nutrition in Optimum Gastrointestinal Health. UCLA Ronald Reagan Medical Center, Westwood, CA, September 28, 2016.
368. The Role of Nutrition in Optimum Gastrointestinal Health. Newport Beach, CA Area Clinicians, September 27, 2016.
367. The Role of Nutrition in Optimum Gastrointestinal Health. Pediatric Allergy Expert Day, Lisbon, Portugal, September 8, 2016.
366. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. City of Hops Hospital, September 1, 2016.
365. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Pasadena, CA Area Clinicians, August 31, 2016.
364. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. LAC+USC Medical Center, Los Angeles, CA, August 31, 2016.
363. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Fresno, CA Area Clinicians, August 30, 2016.
362. Exploring Prebiotics, Probiotics and the Microbiome. Mercy Children's Hospital, Kansas City, MO, August 23, 2016.
361. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Washington Hospital, Fremont CA, August 11, 2016.
360. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Walnut Creek, CA Area Clinicians, August 11, 2016.
359. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. San Diego, CA Area Clinicians, August 4, 2016.
358. Exploring Prebiotics, Probiotics and the Microbiome. New Orleans Pediatric Gastroenterology Clinicians, New Orleans, LA, July 27, 2016.
357. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Sacramento, CA Area Clinicians, May 27, 2016.
356. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Sutter Roseville Medical Center, Roseville, CA, May 27, 2016.
355. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. University of Colorado Medical Center, June 23, 2016.
354. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Denver, CO Area GI Clinicians, June 23, 2016.
353. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Colorado Springs, CO GI Clinicians, Houston, TX, June 22, 2016.
352. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Davenport IA, DC GI Clinicians, Houston, TX, June 21, 2016.
351. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Washington, DC GI Clinicians, Houston, TX, June 17, 2016.
350. The FODMAP Diet: New Clinical Reports. New Insights and Advances of Food Sciences in Clinical Nutrition. Chicago, IL, June 7, 2016.
349. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Champaign-Urbana, IL, June 2, 2016.
348. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Manhattan Beach, CA, May 24, 2016.

347. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Houston Health Sciences Center GI Clinicians, Houston, TX, May 19, 2016.
346. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Hermann Hospital, GI Clinicians, Houston, TX, May 19, 2016.
345. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. The Woodlands, TX GI Clinicians, May 18, 2016.
344. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Syracuse, NY GI Clinicians, May 12, 2016.
343. Emerging Strategies for Intestinal Failure – Focus on the Microbiota, Cincinnati Children’s Hospital Hot Topic Series, May 11, 2016.
342. Exploring Prebiotics, Probiotics and the Microbiome. Cincinnati Children’s Hospital Dietetics Department, Cincinnati, OH, May 10, 2016.
341. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Canada’s Intestinal Failure Advisory Board, Ottawa, ON, May 5, 2016.
340. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Canada’s Intestinal Failure Advisory Board, Ottawa, ON, May 5, 2016.
339. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Springfield, PA GI Clinicians, May 3, 2016.
338. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Philadelphia, PA GI Clinicians, May 2, 2016.
337. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. San Francisco, CA GI Clinicians, April 27, 2016.
336. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Memphis TN GI Clinicians, April 19, 2016.
335. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Saratoga Springs, NY GI Clinicians, April 13, 2016.
334. Exploring Prebiotics, Probiotics and the Microbiome. Atlanta, GA Pediatric Gastroenterology Clinicians, March 28, 2016.
333. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Charlotte, NC GI Clinicians, March 15, 2016.
332. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Brookfield, Wisconsin GI Clinicians, March 9, 2016.
331. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. LaCrosse, Wisconsin GI Clinicians, March 8, 2016.
330. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Indianapolis, Indiana GI Clinicians, March 7, 2016.
329. Follow-up on research planning: funding plan, publication plan. University of Illinois at Urbana-Champaign Research Academy, March 3, 2016.
328. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Brentwood, Missouri GI Clinicians, March 1, 2016.
327. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Houston Methodist Hospital, Houston, Texas, Feb. 16, 2016.
326. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Houston Academy of Nutrition and Dietetics. Houston, Texas, Feb. 16, 2016.
325. Scientific Integrity Principles – Introduction and Alignment. Academy of Nutrition and Dietetics Webinar, Feb. 4, 2016

324. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Morrison Healthcare National Broadcast Webinar, Jan. 29, 2016. Lines connected = 108, with 2-3 participants estimated/line.
323. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Morrison Healthcare National Broadcast Webinar, Jan. 28, 2016. Lines connected = 118, with 2-3 participants estimated/line.
322. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. MedAssets National Broadcast Webinar, 1:00 pm EST, Jan. 28, 2016. Lines connected = 84, with 2-3 participants estimated/line.
321. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. MedAssets National Broadcast Webinar, Noon EST, Jan. 28, 2016. Lines connected = 29, with 2-3 participants estimated/line.
320. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Sodexo Healthcare National Broadcast Webinar, Jan. 27, 2016. Lines connected = 19, with 2-3 participants estimated/line.
319. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Open Invitation National Broadcast Webinar, Jan. 27, 2016. Lines connected = 158, with 2-3 participants estimated/line.
318. New Evidence for Oral Nutritional Intervention in Malnourished, Hospitalized Patients. Open Invitation National Broadcast Webinar, Jan. 26, 2016. Lines connected = 57, with 2-3 participants estimated/line.
317. Manipulation of the Gut Microbiome to Improve Human Health. Clinical Nutrition Week, Austin, Texas, January 2016.
316. Early Feeding of Hospitalized Patients: New Scientific Evidence. Clinical Nutrition Week, Austin, Texas, January 2016.
315. Parenteral Support Management in Adult Patients with Short Bowel Syndrome. Clinical Nutrition Week, Austin, Texas, January 2016.
314. The FODMAP Diet: A Critical Analysis. American Society of Nutrition Advances & Controversies in Clinical Nutrition, Long Beach, CA, December 2015.
313. Prebiotics, Microbiome, and Infant Nutrition: Beyond the Buzz Words. Omaha Medical Center, Nebraska, November 2015.
312. Latest Nutrition and Therapeutic Options in Short Bowel Syndrome. Pennsylvania Association of Parenteral and Enteral Nutrition, Philadelphia, November 2015.
311. Microbiome Research Update: Focus on Intestinal Rehabilitation. University of Texas at Austin Pediatric Intestinal Failure Symposium, Austin, November 2015.
310. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. San Diego Area GI Clinicians, October 2015.
309. Latest Nutrition and Therapeutic Options in Short Bowel Syndrome. Pennsylvania Association of Parenteral and Enteral Nutrition, Philadelphia, November 2015.
308. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Cherry Hill GI Clinicians, New Jersey, November 2015.
307. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Atlantic Gastroenterology Association, Egg Harbor Township, NJ, November 2015.
306. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. San Diego Area GI Clinicians, October 2015.
305. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Tucson Area GI Clinicians, October 2015.
304. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Scottsdale Area GI Clinicians, October 2015.
303. New Strategies for Patients with Intestinal Failure. Brazilian Society of Parenteral and Enteral Nutrition, Brasilia, Brazil, October 2015.
302. Keynote: Advances in Nutrition Care and How RD's Can Take a Leading Role. Western Canadian Nutrition Day, Edmonton, Canada, October 2015.

301. Microbiota Intervention in Obesity Treatment. Brazilian Society of Parenteral and Enteral Nutrition, Brasilia, Brazil, October 2015.
300. Update on Probiotics. Brazilian Society of Parenteral and Enteral Nutrition, Brasilia, Brazil, October 2015.
299. New Strategies for Patients with Intestinal Failure. Brazilian Society of Parenteral and Enteral Nutrition, Brasilia, Brazil, October 2015.
298. Funding for Nutrition Research and Education – The Academy’s New Scientific Integrity Principles. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exhibition, Nashville, TN, October 2015.
297. Microbiota Therapies in Obesity. World Congress of Gastroenterology and the Australian Society for Parenteral and Enteral Nutrition Clinical Congress, Brisbane, Australia, September 2015.
296. Bowel Function in the Stressed Environment. World Congress of Gastroenterology and the Australian Society for Parenteral and Enteral Nutrition Clinical Congress, Brisbane, Australia, September 2015.
295. Functional Adaptation of the Small Intestine: New Strategies for Intestinal Failure and Rehabilitation. World Congress of Gastroenterology and the Australian Society for Parenteral and Enteral Nutrition Clinical Congress, Brisbane, Australia, September 2015.
294. Addressing Malnutrition – A Key to Improving Outcomes. World Congress of Gastroenterology and the Australian Society for Parenteral and Enteral Nutrition Clinical Congress, Brisbane, Australia, September 2015.
293. Clinical Nutrition Research: a North American Perspective. World Congress of Gastroenterology and the Australian Society for Parenteral and Enteral Nutrition Clinical Congress, Brisbane, Australia, September 2015.
292. Prebiotics, Microbiome, and Infant Nutrition: Beyond the Buzz Words. Nutricia National Webinar, September 2015.
291. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Shire Pharmaceutic Patient Advisory Liaisons, September 2015.
290. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Indianapolis GI Club, Indiana, September 2015.
289. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Daytona Beach Area GI Clinicians, Florida, September 2015.
288. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Jacksonville GI Clinicians, Florida, September 2015.
287. Nutrition and Short Bowel Syndrome. National Organization for Rare Disorders Conference, Minneapolis, MN, September 2015.
286. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Sioux Falls Area GI Clinicians, South Dakota, September 2015.
285. Academy of Nutrition and Dietetics – Linking Nutrition Around the World. Lisbon, Portugal, September 2015.
284. Nutrition and Short Bowel Syndrome. United Ostomy Associations of America Conference, St. Louis, September 2015.
283. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Davenport Area GI Clinicians, Iowa, August 2015.
282. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Kenosha Area GI Clinicians, Wisconsin, August 2015.
281. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Green Bay Area GI Clinicians, Wisconsin, August 2015.
280. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Brookfield Area GI Clinicians, Wisconsin, August 2015.

279. Managing Home Parenteral Nutrition Cases in 2015. Advances in Perinatal & Pediatric Nutrition Conference, San Francisco, CA August 2015.
278. Shifts in the Intestinal Microbiota: Therapeutic Opportunities for Pre- and Probiotics. Advances in Perinatal & Pediatric Nutrition Conference, San Francisco, CA August 2015.
277. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Wilmington Area GI Clinicians, North Carolina, July 2015.
276. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Indianapolis Area GI Clinicians, Indiana, July 2015.
275. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Tucson Area GI Clinicians, Arizona, July 2015.
274. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Phoenix GI Clinicians, Arizona, July 2015.
273. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Tampa Area GI Clinicians, Florida, July 2015.
272. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Orlando Area GI Clinicians, Florida, July 2015.
271. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Winter Park Area GI Clinicians, Florida, July 2015.
270. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. Florida Academy of Nutrition and Dietetics, Orlando, Florida, July 2015.
269. Short Bowel Syndrome: Advances in Treatment Goals and Therapeutic Strategies. 52<sup>nd</sup> Annual Meeting of the Japanese Society for Surgical Metabolism and Nutrition, Tokyo, Japan, July 2015.
268. PreProSim Highlights: Final Message. GANEPAO Annual Congress, Sao Paulo, Brazil, June 2015.
267. How and When a GLP-2 Analog Could Enhance the Absorptive Capacity in Short Bowel Syndrome. GANEPAO Annual Congress, Sao Paulo, Brazil, June 2015.
266. Do Prebiotics Have Any Effect in Cancer Prevention? GANEPAO Annual Congress, Sao Paulo, Brazil, June 2015.
265. What Prebiotic to Use: FOS, GOS or Inulin?. II Congresso Brasileiro de Pré, Pro e Simbióticos - (PreProSim), Sao Paulo, Brazil, June 2015.
264. Fructooligosaccharides vs. Galactooligosaccharides – Differences and Benefits. II Congresso Brasileiro de Pré, Pro e Simbióticos - (PreProSim), Sao Paulo, Brazil, June 2015.
263. Prebiotics in Enteral Nutrition Therapy: Indication, Contraindication, and Results. II Congresso Brasileiro de Pré, Pro e Simbióticos - (PreProSim), Sao Paulo, Brazil, June 2015.
262. Pathophysiology of Intestinal Adaptation. XIV International Small Bowel Transplant Symposium, Buenos Aires, Argentina, June 2015.
261. Development of Future Nutrition Leadership – Issues to Consider. Dannon Nutrition Leadership Institute, Baltimore, MD, June 2015.
260. Intestinal Failure: Background and Therapeutic Options. Little Rock AR Area GI Clinicians, June 2015.
259. Updates on the Management of Short Bowel Syndrome – Emerging Therapies and the Use of Teduglutide. Canadian Nutrition Society Annual Meeting, Winnipeg, May 2015.
258. Intestinal Failure: Background and Therapeutic Options. Mayo Clinic, Rochester, May 2015.
257. Intestinal Failure: Background and Therapeutic Options. Fresno Medical Center, May 2015.
256. Intestinal Failure: Background and Therapeutic Options. Fresno, CA Area GI Clinicians, May 2015.
255. Clinical Indications for the Use of Prebiotics and Probiotics – What Do the Data Tell Us? The Children’s Hospital of Philadelphia, May 2015.
254. Intestinal Failure: Background and Therapeutic Options. Biloxi, Mississippi Area GI Clinicians, April 2015.

253. Eating for Two? Best Practices for Maternal Nutrition. Nutritional Solutions Continuing Nutrition Education Annual Conference. Johannesburg, South Africa, April 2015.
252. Human Microbiota, Prebiotics, and Probiotics. Nutritional Solutions Continuing Nutrition Education Annual Conference. Johannesburg, South Africa, April 2015.
251. Intestinal Failure: Background and Therapeutic Options. Nutritional Solutions Continuing Nutrition Education Annual Conference. Johannesburg, South Africa, April 2015.
250. Short Bowel Syndrome: Background and Therapeutic Options. Marlton NJ Area GI Clinicians, March 2015.
249. Short Bowel Syndrome: Background and Therapeutic Options. University of Pennsylvania Medical Center, March 2015.
248. The intestinal microbiota - updates regarding pre- and probiotics. Mercy Children's Hospital, Kansas City Hospital, February 2015.
247. Short Bowel Syndrome: Background and Therapeutic Options. San Diego Chapter of the Academy of Nutrition and Dietetics, February 2015.
246. Short Bowel Syndrome: Background and Therapeutic Options. Tucson AZ Area GI Clinicians, February 2015.
245. Short Bowel Syndrome: Background and Therapeutic Options. Phoenix AZ Area GI Clinicians, February 2015.
244. Envisioning Patient Success in Short Bowel Syndrome: Redefining Intestinal Rehabilitation. Clinical Nutrition Week 2015, Long Beach CA, February 2015.
243. The Role of the Gut Microbiome in the Pathogenesis and Treatment of Obesity. Clinical Nutrition Week 2015, Long Beach CA, February 2015.
242. Short Bowel Syndrome: Background and Therapeutic Options. Columbus OH Area GI Clinicians, February 2015.
241. Short Bowel Syndrome: Background and Therapeutic Options. Cleveland OH Area GI Clinicians, February 2015.
240. Short Bowel Syndrome: Background and Therapeutic Options. Minneapolis Area GI Clinicians, February 2015.
239. Current and Future Treatment Options for Intestinal Failure. OLEY Foundation Regional Meeting, Chicago IL, January 2015.
238. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Las Vegas Chapter of the Academy of Nutrition and Dietetics, January 2015.
237. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Salt Lake City, Utah Area GI Clinicians, January 2015.
236. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Wesley Medical Center Rounds, Hattiesburg, Mississippi, January 2015.
235. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). GUT Club, Jackson Mississippi, January 2015.
234. Shifts in the Intestinal Microbiota: Therapeutic Opportunities for Pre- and Probiotics, American Society of Nutrition Advances and Controversies in Clinical Nutrition, Washington, D.C., December 2014.
233. Hospital Malnutrition – Diagnosing, Documenting, and Intervening. Grand Rounds at Susquehanna Health Medical Center, Williamsport, PA, November 2014.
232. Global Initiatives to Address Malnutrition – feedM.E. and the Alliance the Advance Patient Nutrition. Integrated Role of Nutrition Following Hospital Discharge – A Scientific Roundtable Discussion. Columbus, OH, November 2014.
231. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Madison, Wisconsin Area GI Clinicians, October 2014.
230. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Jackson, Mississippi Area GI Clinicians, October 2014.

229. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Memphis Chapter of the American Society for Parenteral and Enteral Nutrition Meeting, October 2014.
228. The Role of the Gut Microbiome in the Pathogenesis and Treatment of Obesity. Food and Nutrition Conference and Exposition, Atlanta, October 2014.
227. Elevating the Role of Nutrition in U.S. Hospitals to Improve Patient Outcomes. Academy of Nutrition and Dietetics House of Delegates, Atlanta, October 2014.
226. Getting Out the Message about Malnutrition. Academy of Nutrition and Dietetics Spokesperson Briefing, Atlanta, October 2014.
225. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Milwaukee, Wisconsin Area GI Clinicians, October 2014
224. Short Bowel Syndrome: Therapeutic Advances. Memorial Hermann Medical Center, Houston, October 2014.
223. What's New in Intestinal Failure? Houston Wound and Ostomy Nurse Association, October 2014.
222. What's New in Intestinal Failure? University of California Pediatric Gastroenterology Conference, Los Angeles, September 2014.
221. Short Bowel Syndrome: Therapeutic Advances. Southern Arizona Academy of Nutrition and Dietetics Annual Meeting, Tuscon, Arizona, September 2014.
220. Nutritional Advances in Intestinal Adaptation. Eighth International Pediatric Intestinal Failure and Rehabilitation Symposium, Atlanta, Georgia, September 2014
219. Short Bowel Syndrome – What's New? Rockville, Maryland, July 2014.
218. Short-Chain Fatty Acids and Intestinal Adaptation in the Neonate. FASEB Summer Research Conference, Snowmass, CO, July 2014
217. The Important of Dietary Fiber in the Formula Dependent Child. National webinar for nutrition professionals practicing in the metabolics area. June 2014
216. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Southern California Chapter of the American Society for Parenteral and Enteral Nutrition Meeting, June 2014
215. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). New Orleans, Louisiana Area GI Clinicians, June 2014
214. Prebiotics and Probiotics – What do the data tell us? 16th Congress and 27th International Conference of Polish Society for Parenteral, Enteral Nutrition and Metabolism, Jachranka, Poland, June 2014.
213. Serving up Sauerkraut--Health Benefits of Fermented and Cultured Foods. American Diabetes Association Annual Meeting, San Francisco, CA, June 2014
212. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Danville, California Area GI Clinicians, June 2014
211. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Sacramento, California Area GI Clinicians, June 2014
210. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Boca Raton, Florida Area GI Clinicians, May 2014
209. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Miami, Florida Area GI Clinicians, June 2014
208. Intestinal Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. San Diego, CA area nutrition clinicians, San Diego, CA, June 2014
207. Intestinal Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Los Angeles, CA area nutrition clinicians, Los Angeles, CA, June 2014
206. Intestinal Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Children's Hospital Los Angeles, Los Angeles, CA, June 2014

205. Intestinal Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Oakland CA area nutrition clinicians, Oakland CA, June 2014
204. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Thomas Jefferson University Hospital, Philadelphia, PA, May 2014
203. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Cooper Hospital Health System and Virtua Hospital Clinicians, May 2014
202. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Houston Academy of Nutrition and Dietetics Annual Meeting, May 2014
201. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Kindred Hospital Houston, May 2014
200. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Memorial Hermann Medical Center Dietitians, May 2014
199. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Rochester, Minnesota Area GI Clinicians, May 2014
198. Simply Speaking: Short Bowel Syndrome – Advances in Treatment Goals and Therapeutic Strategies. South Carolina Academy of Nutrition and Dietetics Annual Meeting, Greenville, South Carolina, April 2014.
197. Gastroenterology Cases in Practice: Promoting Intestinal Adaptation in Adult Short Bowel Syndrome. Institute for Medical and Nursing Education, Minneapolis, Minnesota, April 2014.
196. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Duluth, Minnesota Area GI Clinicians, April 2014
195. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Minneapolis Area GI Clinicians, April 2014
194. Malnutrition – Are We in Need of Broad Policy Change? Academy of Nutrition and Dietetics Public Policy Workshop, Washington, D.C., March 2014
193. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Indianapolis Area GI Clinicians, March 2014
192. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Indiana University Riley Children’s Hospital, March 2014
191. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Geisinger Medical Center, Pennsylvania, March 2014
190. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). San Diego Society of Parenteral and Enteral Nutrition, March 2014
189. Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Los Angeles Veteran’s Administration Hospital, March 2014
188. Key Note Address - The New Malnutrition: Challenges of Changing the Paradigm Globally. New York Academy of Sciences/Sackler Institute, Washington D.C., March 2014.
187. Malnutrition – A Bigger Problem Than You Think. Malnutrition Alliance Advisory Group, Chicago IL, February 2014.
186. Improve Patient Outcomes by Identifying and Addressing Malnutrition through an Interdisciplinary Approach, Clinical Nutrition Week, Savannah GA, January 2014.
185. Top JPEN Papers of 2013. Clinical Nutrition Week, Savannah GA, January 2014.
184. Use of probiotics in the NICU. Mercy Children’s Hospital, Kansas City, MO, December 2013.
183. Probiotics, Prebiotics, and Synbiotics. What’s the evidence? XX Brazilian Congress of Parenteral and Enteral Nutrition, Recife, Brazil, December 2013.
182. Intestinal Dysfunction in the Critically Ill – Diagnosis and Treatment. XX Brazilian Congress of Parenteral and Enteral Nutrition, Recife, Brazil, December 2013.

181. The Shifting Sands of Nutrient Provision in the ICU. XX Brazilian Congress of Parenteral and Enteral Nutrition, Recife, Brazil, December 2013.
180. Gastroenterology Cases in Practice: Promoting Intestinal Adaptation in Adult Short Bowel Syndrome. Institute for Medical and Nursing Education, Jacksonville, FL, November 2013.
179. Strategies for Managing Intestinal Failure – The Role of Pre- and Probiotics. University of Nebraska Medical Center, Omaha, NE, November 2013.
178. Malnutrition – It’s Scariest than You Think! Truman Medical Center, Kansas City, MO, October 2013.
177. Gastroenterology Cases in Practice: Promoting Intestinal Adaptation in Adult Short Bowel Syndrome. Institute for Medical and Nursing Education, Houston, TX, October 2013.
176. Autoimmunity: Feeding Your Gut Microbes to Impact Disease. Food and Nutrition Conference and Exposition, Houston, TX, October 2013.
175. Elevating the Role of Nutrition in U.S. Hospitals to Improve Patient Outcomes. Academy of Nutrition and Dietetics House of Delegates, Houston, TX, October 2013.
174. Addressing Hospital Malnutrition through Interdisciplinary Partnership. Clinical Nutrition Managers Annual Meeting, Houston, TX, October 2013.
173. Gastroenterology Cases in Practice: Promoting Intestinal Adaptation in Adult Short Bowel Syndrome. Institute for Medical and Nursing Education, Chicago, IL, October 2013.
172. Intestinal Failure – Exploring New Treatment Options. Michigan Society for Parenteral and Enteral Nutrition, Lansing, MI, October 2013.
171. Evidence for Microbiome Modification through Nutrition Intervention. Mayo Clinic Center for Individualized Medicine Microbiome Workshop, Rochester, MN, October 2013.
170. Improve Patient Outcomes by Identifying and Addressing Malnutrition through a Multi-disciplinary Approach. Association for Surgical Medical Nursing 22<sup>nd</sup> Annual Conference, Nashville, TN, September 2013.
169. Clinical Indications for the Use of Probiotics and Prebiotics: What Does the Evidence Tell Us? Grand Rounds - Children’s Mercy Hospital, Kansas City, KS, August 2013.
168. Critical Role of Nutrition in Improving Quality of Care: An Interdisciplinary Call to Action to Address Adult Hospital Malnutrition. Educational Congress of the College of Nutritionists and Dietitians of Puerto Rico, August 2013.
167. Beyond Gut Health to Bone Health: New Evidence for the Multiple Health Benefits of Short-Chain Fructooligosaccharides. Institute of Food Technologists, Chicago IL, July 2013.
166. Prebiotics and Probiotics in Adolescent Constipation. Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2013.
165. Prebiotic and Short Chain Fatty Acids. Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2013.
164. Prebiotics in Constipation: Mechanisms and Results. Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2013.
163. Managing the Microbiome in Human Gastrointestinal Disease. Experimental Biology 2013, Boston, MA, April 2013.
162. The Importance of the Intestinal Microbiota and Short Chain Fatty Acids. 8th Congress of Turkish Society of Clinical Enteral & Parenteral Nutrition, Antalya, Turkey, May 2013.
161. Fiber in Enteral Nutrition. 8th Congress of Turkish Society of Clinical Enteral & Parenteral Nutrition, Antalya, Turkey, May 2013.
160. Paradox in an Obese Nation: Is your HER Starving? Healthcare Information and Management Systems Annual Meeting, New Orleans, Louisiana, March 2013.
159. Best of Clinical Nutrition - 2012. Clinical Nutrition Week 2012, Orlando, Florida, January 2013.

158. The Changing Healthcare Environment: The Clinical Nutrition Manager's Role. Academy of Nutrition and Dietetics/Abbott Advisory Board Meeting on Elevating Nutrition in the Acute Care Setting. Short Hills, New Jersey, January 2013.
157. Advances in Pediatric Nutrition Research – Emerging Strategies for the Management of Intestinal Failure. Guangzhou Women and Children's Medical Center, Guangzhou, China, December 2012.
156. The Changing Healthcare Environment: The Clinical Nutrition Manager's Role. Academy of Nutrition and Dietetics/Abbott Advisory Board Meeting on Elevating Nutrition in the Acute Care Setting. Phoenix, Arizona, November 2012.
155. Pre- and Probiotics in Health and Disease. Rush University Medical Center Nutrition Symposium, Chicago, Illinois, October 2012.
154. The Time is Now – Elevating the Role of Nutrition for Better Patient Outcomes. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exposition, Philadelphia, Pennsylvania, October 2012.
153. Medical Management of Intestinal Failure. The Mexican Association of Clinical Nutrition and Nutritional AC AMAEE XVII Congress, Merida, Yucatan, Mexico, August 2012.
152. Keynote Address: Probiotics in 2012. The Mexican Association of Clinical Nutrition and Nutritional AC AMAEE XVII Congress, Merida, Yucatan, Mexico, August 2012.
151. Physiologic Role of the Commensal Microbiota. The Mexican Association of Clinical Nutrition and Nutritional AC AMAEE XVII Congress, Merida, Yucatan, Mexico, August 2012.
150. Emerging Strategies for Intestinal Failure. St. Louis Children's Hospital, St. Louis, June 2012.
149. Emerging Strategies for Intestinal Failure. Children's Hospital Colorado, Denver, Colorado, May 2012.
148. Development of the Intestinal Microbiome in Infants – Nutritional Implications. WIC Annual Conference, Denver, Colorado, May 2012.
147. Development of the Intestinal Microbiome in Infants – Nutritional Implications. Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania, May 2012.
146. Reviewing a Journal Article. ACES Research Academy, University of Illinois, May 2012.
145. Pre- and Probiotics in Health and Disease. Illinois Dietetic Assembly Spring Assembly. Rosemont, Illinois, April 2012.
144. Emerging Strategies for the Management of Intestinal Failure. St. Vincent Indianapolis Hospital, Indianapolis, Indiana, March 2012
143. Emerging Strategies for the Management of Intestinal Failure. Chicago Area Pediatric Gastroenterologists, Chicago, Illinois, March 2012.
142. Development of the Intestinal Microbiome in Infants – Nutritional Implications. Cincinnati Area Neonatologists, Cincinnati, Ohio, February 2012.
141. Hot Nutrition Papers of 2011. Clinical Nutrition Week 2012, Orlando, Florida, January 2012.
140. Publish or Perish? The Inside Track to Successful Journal Publications. Clinical Nutrition Week 2012, Orlando, Florida, January 2012.
139. Unmet Needs in the Treatment of Short Bowel Syndrome. Clinical Nutrition Week 2012, Orlando, Florida, January 2012.
138. New and Emergent Nutritional Strategies for the Management of Short Bowel Syndrome. Clinical Nutrition Week 2012, Orlando, Florida, January 2012.
137. Development of the Intestinal Microbiome in Infants – Nutritional Implications. Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio, December 2011.
136. Development of the Intestinal Microbiome in Infants – Nutritional Implications. Seattle Children's Hospital, Seattle, Washington, November 2011.
135. Optimal Nutrition Therapy for the Post-NEC Infant. American Academy of Pediatrics Perinatal and Developmental Medicine Symposium, Marco Island, Florida, November 2011.

134. In the Wake of NEC – Emerging Therapies for Intestinal Failure. American Academy of Pediatrics Perinatal and Developmental Medicine Symposium, Marco Island, Florida, November 2011.
133. Fibers in Nutrition Support: Which? When? How? Brazilian Society for Parenteral and Enteral Nutrition, Curitiba, Brazil, November 2011.
132. Nutrition in the Hypoperfused Intestine. Brazilian Society for Parenteral and Enteral Nutrition, Curitiba, Brazil, November 2011.
131. Butyrate fortification using pre- and probiotics: Implications for intestinal function. 14th Congress of Parenteral and Enteral Nutrition Society of Asia (PENSA2011), Taipei, Taiwan, October 2011.
130. Dietary Fiber, Prebiotics, and Probiotics. 14th Congress of Parenteral and Enteral Nutrition Society of Asia (PENSA2011), Taipei, Taiwan, October 2011.
129. Inflammation and Intestinal Function. Grand Rounds at Children’s Mercy Hospitals and Clinics. September 28, 2011.
128. Inflammation and Intestinal Function. Kansas Association for Parenteral and Enteral Nutrition. September 27, 2011.
127. Butyrate fortification using pre- and probiotics: implications for intestinal function. 33rd European Society for Parenteral and Enteral Nutrition Congress, Gothenburg, Sweden, September 2011.
126. Emerging Therapies for Intestinal Failure. Oley Annual Meeting, Minneapolis, Minnesota, July 2011.
125. Parenteral and Enteral Nutrition in the Critically-Ill Child. European Society for Pediatric Gastroenterology, Hepatology, and Nutrition, Sorrento, Italy, May 2011.
124. Prebiotics, Probiotics, and the Microbiota. GI Pathophysiology Lecture, Rhode Island Hospital, Providence, Rhode Island, April 2011.
123. Emerging Therapies for Intestinal Failure – Strategies from the Distal Gut. GI/Surgery Research Conference, Brown University, Providence, Rhode Island, April 2011.
122. Bowel Function in Hypotension and Hypoxia. Surgical Grand Rounds, Rhode Island Hospital, Providence, Rhode Island, April 2011.
121. Pre- and Probiotics for Optimal GI Health. Wisconsin Dietetic Association, Lake Geneva, Wisconsin, April 2011.
120. Stimulating Intestinal Function with Prebiotics. Payton Manning Children’s Hospital, Indianapolis, Indiana, April 2011.
119. Emerging Therapies for Intestinal Failure: Strategies from the Distal Gut. Colombia Clinical Nutrition Congress, Bogata, Colombia, April 2011.
118. Enteral Nutrition During Splanchnic Hypoperfusion. Colombia Clinical Nutrition Congress, Bogata, Colombia, April 2011.
117. Stimulating Intestinal Function with Prebiotics. St. Louis Area Pediatric Clinicians, St. Louis, Missouri, March 2011.
116. Stimulating Intestinal Function with Prebiotics. Tampa Area Pediatric Clinicians, Tampa, Florida, March 2011.
115. Best Nutrition Papers of 2010. Clinical Nutrition Week, Vancouver, BC, January 2011.
114. Stimulating Intestinal Function with Prebiotics. Clinical Nutrition Week, Vancouver, BC, January 2011.
113. Probiotics: Pros and Cons. Heartland Kidney Network Conference, Kansas City, MO, January 2011.
112. Intestinal Dysfunction in Surgery, 12th Symposium of the Brazilian Society for Parenteral and Enteral Nutrition, Rio de Janeiro, Brazil, November 2010.
111. Citrulline. 12th Symposium of the Brazilian Society for Parenteral and Enteral Nutrition, Rio de Janeiro, Brazil, November 2010.
110. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Tampa Area Pediatric Clinicians, Tampa, Florida, October 2010.

109. Future of Parenteral and Enteral Nutrition, 2nd. Nutrition Congress, Monterrey, Nuevo León, México, October 2010.
108. Dietary Fiber and Enteral Nutrition, XII Latin American Congress of Clinical Nutrition and Metabolism FELANPE, Asuncion, Paraguay, October 2010.
107. Clinical Guidelines for Enteral and Parenteral Nutrition, XII Latin American Congress of Clinical Nutrition and Metabolism FELANPE, Asuncion, Paraguay, October 2010.
106. Probiotics in Intestinal Health, Danone Meeting of Probiotics in Intestinal Health, Jequitimar, Brazil, September 2010.
105. Emerging Therapies for Intestinal Failure – Strategies from the Distal Gut. 6th International Symposium on Pediatric Intestinal Failure, Chicago, IL, September 2010.
104. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Children’s Mercy Hospital Grand Rounds, Kansas City, Missouri, August 2010.
103. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Salt Lake City Area Pediatric Clinicians, Salt Lake City, Utah, August 2010.
102. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Columbus Area Pediatric Clinicians, Columbus, Ohio, August 2010.
101. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Pittsburgh Area Pediatric Clinicians, Pittsburgh, Pennsylvania, August 2010.
100. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Raleigh Area Pediatric Clinicians, Raleigh North Caroline, June 2010.
99. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Indianapolis Area Pediatric Clinicians, Indianapolis, Indiana, June 2010.
98. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. San Diego Area Pediatric Clinicians, San Diego, California, June 2010.
97. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Los Angeles Area Pediatric Clinicians, Los Angeles, California, June 2010.
96. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. San Francisco Area Pediatric Clinicians, San Francisco, California, June 2010.
95. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. Chicago Area Pediatric Clinicians, San Francisco, California, June 2010.
94. Gut Health – Importance of Dietary Fiber, Prebiotics, and the Intestinal Microbiome. University of Nebraska Medical Center, Omaha, Nebraska, May 2010.
93. Nutricia North America Sales Force Training. Pre- and Probiotics – What are their Clinical Utility? Denver, Colorado, April 2010.
92. Nutricia North America Sales Force Training. Pre- and Probiotics – What are their Clinical Utility? Rockville, Maryland, April 2010.
91. Nutricia North America Sales Force Training. Pre- and Probiotics – What are their Clinical Utility? Rockville, Maryland, April 2010.
90. Feeding the Microbiome – From Paper to Patient. Japanese Society of Parenteral and Enteral Nutrition, Tokyo, Japan, February 2010
89. Latest Advances in Intestinal Failure – Highlights of the CNW’10 Research Workshop. Clinical Nutrition Week 2010, Las Vegas, Nevada, February 2010
88. Nutritional Strategies: Feeding the Epithelium. NIH Sponsored Workshop on Intestinal Failure, Las Vegas, Nevada, February 2010.
87. Enteral nutrition in splanchnic hypoperfusion. XVIII Brazilian Congress of Parenteral and Enteral Nutrition, Natal, Brazil, December 2009.

86. Nutrients and Treatments to Stimulate Intestinal Adaptation – Scientific Evidence. XVIII Brazilian Congress of Parenteral and Enteral Nutrition, Natal, Brazil, December 2009.
85. Nutrition Absorption and Gut Physiology – A Primer. Western Canadian Nutrition Day, Edmonton, Alberta, November 2009.
84. Enteral Feeding during Splanchnic Hypofusion – What’s Safe? Mexican Critical Care Society, Acapulco, Mexico, September 2009.
83. Pre- and Probiotics in the ICU. Mexican Critical Care Society, Acapulco, Mexico, September 2009.
82. The Gut’s Response: Physiological Implications of Different Feeding Locations. Mexican Critical Care Society, Acapulco, Mexico, September 2009.
81. Auditing Role of the Colonic Epithelium – Insight from Novel Sensing Proteins. European Society for Parenteral and Enteral Nutrition, Vienna, Austria, August 2009.
80. Infant Formulas Containing Pre- and Probiotics: One Step Closer to Human Milk? Columbian Association of Pediatricians, Cartagena, Columbia, June 2009.
79. Handling of Short Bowel Syndrome in the U.S. III Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2009.
78. Impact of Nutrition on Intestinal Barrier Function. III Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2009.
77. Enteral Feeding During Splanchnic Hypoperfusion. III Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2009.
76. Fiber and Probiotics in the Treatment of Diarrhea. III Congresso Brasileiro de Nutrição Integrada e Ganepão 2009, São Paulo, Brazil, June 2009.
75. GI Immunology: Bench to Bedside. Dietitians in Nutrition Support Symposium, Seattle, WA, June 2009.
74. Are Probiotics Useful in GI diseases? What is the Evidence? Mayo School of Continuing Medical Education Clinical Nutrition Course, Amelia Island, Florida, April 2009.
73. Intestinal Failure. Mayo School of Continuing Medical Education Clinical Nutrition Course, Amelia Island, Florida, April 2009.
72. Emerging Therapies for Intestinal Failure. Dr. Stanley Dudrick Symposium, Yale University, New Haven, Connecticut, March 2009.
71. Regulation of Gastrointestinal Function – Motivation from the Distal Gut. David H. Baker Amino Acid Symposium. American Society for Animal Sciences Midwest Sectional Meeting, Des Moines, Iowa, March 2009.
70. American Society for Parenteral and Enteral Nutrition 33rd Presidential Address - Quest for Excellence: Inspiration for the Ileum. Clinical Nutrition Week '09, New Orleans, Louisiana, February 2009.
69. Emerging Therapies for Intestinal Failure – Strategies from the Distal Gut. Clinical Nutrition Week '09, New Orleans, Louisiana, February 2009.
68. Bowel Function in Hypotension & Hypoxia. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 2008.
67. Feeding the Microbiome: From Paper to Patient. Food and Nutrition Conference and Exposition, Chicago, IL, October 2008.
66. Emerging Therapies for Intestinal Failure – Strategies from the Distal Gut. Ohio Society of Parenteral and Enteral Nutrition, Youngstown, OH, October 2008.
65. Dietary fiber and prebiotics in infant formulas. VII Nestle Nutrition Conference Mexico City, Mexico, October 2008.
64. Nutrition, Inflammation and Intestinal Function Children’s Mercy Hospital & Clinics. Kansas City, Missouri, September 2008.

63. Gut Modulation: Effect of EN on Gut Structure and Function. Nestlé Nutrition Symposium, ESPGHAN/WSPGHAN. Igassu Falls, Brazil, August 2008.
62. The Gut's Response: Physiological Implications of Different Feeding Locations. XI Latin American Congress of FELANPE. Cancun, Mexico, May 2008.
61. Immunomodulation. XI Latin American Congress of FELANPE. Cancun, Mexico, May 2008.
60. Emerging medical options for intestinal failure: Strategies for growing. VII ICNSO Advanced Course in Clinical Nutrition. XI Latin American Congress of FELANPE. Cancun, Mexico, May 2008.
59. State of the Art on Prebiotics. VII ICNSO Advanced Course in Clinical Nutrition. XI Latin American Congress of FELANPE. Cancun, Mexico, May 2008.
58. Emerging therapies for intestinal failure. Experimental Biology '08. San Diego
57. The Gut Mucosal Barrier: Nutritional Implications. The Gastrointestinal Tract: Bench to Bedside Considerations Relative to Nutrition. ASPEN Symposium. Clinical Nutrition Week. Chicago, Illinois, February 2008.
56. Inflammation and intestinal function. ASPEN Research Workshop. Clinical Nutrition Week. Chicago, Illinois, February 2008.
55. Colonization of Gut in Animal Models. Session Chair of Factors Influencing Gut Microbiota. NIH Conference on Gastrointestinal Microbiota and Advances in Prebiotic and Probiotic Research. Rockville, Maryland, December 2007.
54. Pathogenesis and Nutritional Consequences of Chronic Intestinal Failure. The XVII Brazilian Congress of Parenteral and Enteral Nutrition and the V Brazilian Congress of Clinical Nutrition, Florianopolis, Brazil, November 2007.
53. Butyrate – A Trophic Factor for Enhancing Intestinal Function. The Japan & US Collaboration Conference (JUCC) in Gastroenterology, Tokyo, Japan, November 2007.
52. Emerging Therapies for Intestinal Failure. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 4-6, 2007.
51. Bowel Function in Hypotension & Hypoxia. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 4-6, 2007.
50. Beyond Enteral Nutrition: Novel Nutrients, Beneficial Bugs, and Fortifying Factors. European Society for Parenteral and Enteral Nutrition Clinical Congress, Prague, Czech Republic, September 2007.
49. Ph.D. Completion Project at the University of Illinois. Council of Graduate Schools 2007 New Deans Institute and Summer Workshop. San Juan, Puerto Rico, July 11, 2007.
48. Nutritional Support of Gastrointestinal Function and Adaptation. Curso Avanzado de Nutrición Clínica-ICNSO, Panama City, Panamá, July 7-10, 2007.
47. Pre- and Pro-biotics: Rationale for Regular Consumption. National Institutes of Health, Office of Dietary Supplements, April 18, 2007.
46. The Role of Diet, Nutrition, and Nutraceuticals in Disease Prevention. American Nutraceutical Association Continuing Medical Education Conference, March 24, 2007.
45. Mechanisms of Intestinal Adaptation. Guts and the City Symposium, Mt. Sinai School of Medicine, February 2, 2007.
44. Prebiotics and Probiotics – Strategies for Enhancing Intestinal Function. Oley Foundation Regional Conference, Phoenix, Arizona, January 27, 2007.
43. Butyrate - A trophic factor enhancing intestinal function. Biotecnología Habana '06 - Bio-Medical Applications of Biotechnology, Havana, Cuba, November 2006.

42. Bowel Function in Hypotension & Hypoxia. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 6-8, 2006.
41. Pathophysiology of Intestinal Failure and Emerging Therapies. European Society for Parenteral and Enteral Nutrition Clinical Congress, Istanbul, Turkey, October 2006.
40. Intestinal Failure: Translating Science into Effective Quality Care. American Dietetic Association's Food and Nutrition Conference and Exposition. Honolulu, Hawaii, September 2006.
39. Supporting the Gut – What's the Best Approach? International Confederation of Nutrition Support Organizations - La Asociación Mexicana de Alimentación Endovenosa y Continuing Medical Education Course, Mexico City, Mexico, August 2006.
38. New Medical Options for Intestinal Failure: Strategies for Growing Guts! Texas A&M University, College Station, Texas, April 25, 2006.
37. Gut Maturation and Immunology. Advances in Pediatric Nutrition Conference, Baltimore, Maryland, March 21, 2006.
36. Prebiotics, probiotics and the microbiota. Clinical Nutrition Week '06, Dallas, Texas, February 12, 2006.
35. Enteral Support of the Compromised Gut in the Critical Care Setting (S30). Clinical Nutrition Week '06, Dallas, Texas, February 12, 2006.
34. Feeding on Vasopressors and during Gut Hypoperfusion: Can it be done? Society for Critical Care Medicine Clinical Congress. San Francisco, CA, January 10, 2006.
33. Bowel Function in Hypotension & Hypoxia. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 6-8, 2005.
32. Getting Acculturated to Cultures: A Review of Probiotics in Clinical and Preventative Therapy. Food and Nutrition Conference and Exposition (American Dietetic Association). St. Louis, Missouri, September 25, 2005.
31. Bowel Function in Hypotension & Hypoxia. Guest faculty in Continuing Medical Education Course, "Enhancing the Safety of Parenteral & Enteral Nutrition -- Redefining Hospital Nutrition in Modern Medicine." Harvard Medical School, Cambridge, Massachusetts, November 7-9, 2004.
30. Butyrate and Intestinal Adaptation: It's Not Just About the Colon. Department of Pediatric Surgery, University of Cincinnati, Cincinnati, Ohio, September 27, 2004.
29. Teduglutide enhances intestinal structure and function in patients with short bowel syndrome. European Society of Parenteral and Enteral Nutrition, Lisbon, Portugal, September 13, 2004.
28. The Influence of Butyrate and GLP-2 on Intestinal Adaptation. European Society of Parenteral and Enteral Nutrition, Lisbon, Portugal, September 11, 2004.
27. Nutrition and Functional Foods. Symposium on Inocuity, Preservation, and Functional Foods Ties-Enlaces/US-AID/Mexico University of Illinois-Universidad Autonoma de Queretaro, Queretaro, Queretaro, Mexico, August 31, 2004.
26. Optimizing the Benefits, Minimizing the Risks of Nutrition Support in the Difficult to Feed CVICU Patient. Canadian Society of Clinical Nutrition, Toronto, Ontario, April 2004.
25. Nutrition Support for the Hemodynamically Unstable Patient. Canadian Society of Clinical Nutrition, Toronto, Ontario, April 2004.
24. Short-Chain Fatty Acids, GLP-2 and Intestinal Adaptation. Mississippi State University, March 2004.
23. Beyond Graduate School: Working in Academia. Nutrition Week '04, Las Vegas, Nevada.
22. Physiology, Pathophysiology, and Implications: Feeding the Poorly Perfused Patient. Nutrition Week '04, Las Vegas, Nevada.
21. Mechanisms of Enteral Nutrient Enhanced Intestinal Function. NIH-Sponsored Research Workshop on Intestinal Dysfunction. Las Vegas, Nevada, February 7, 2004.

20. Butyrate Enhanced Intestinal Monosaccharide Transport. University of Chicago, Chicago, Illinois, July 2003.
19. Short-Chain Fatty Acids, GLP-2, and Intestinal Adaptation: A New Twist to an Old Story. Experimental Biology '03, San Diego, California, April 2003.
18. Regulation of Intestinal Nutrient Absorption. Texas Women's University, Denton, Texas, January 2003.
17. Regulation of Mucosal Nutrient Transport: Influence of Splanchnic Circulation. Baylor College of Medicine GI Research Group, Houston, Texas, January 2002.
16. Short-Chain Fatty Acids and Intestinal Adaptation. USDA Children's Nutrition Research Center, Houston, Texas, January 2002.
15. GLP-2 and Intestinal Function. Royal Veterinary and Agricultural University, Copenhagen, Denmark, October 2001.
14. Dietary Fiber and the Small Intestine. Nutritional Sciences, Purdue University, West Lafayette, Indiana, September 2001.
13. Beyond Graduate School: Working in Academia. Experimental Biology, '01, Orlando, Florida, April 2001.
12. Regulation of GI Function by Short-Chain Fatty Acids. University of Florida, December 2000.
11. Trauma: Do We Really Know When to Feed? American Society of Parenteral and Enteral Nutrition 24th Clinical Congress, Nashville, Tennessee, January 2000.
10. Short-Chain Fatty Acids: They're Not Just About the Colon. Division of Gastroenterology, University of Alberta, Edmonton, Alberta, November 1999.
9. Nutrition Assessment in Clinical Practice. GI Review Course, Waikoloa, Hawaii, February 1999.
8. Small Intestinal Function: Implications for Nutrition Support. American Society of Parenteral and Enteral Nutrition 23rd Clinical Congress, San Diego, California, January 1999.
7. The R.D.'s Role in Enhancing GI Function. Eastern Illinois Dietetics Association, Urbana, Illinois, November 1998.
6. Regulation of Intestinal Function by Short-Chain Fatty Acids. University of Chicago, Chicago, Illinois, May 1998.
5. Short-Chain Fatty Acids and Intestinal Adaptation. Texas A&M University, College Station, Texas, February 1998.
4. Strategies to Enhance Gastrointestinal Function through Optimization of Current Nutrition Support Practices. American Society for Parenteral and Enteral Nutrition 22nd Clinical Congress, Orlando, Florida, January 1998.
3. Multiorgan Response to Short-Chain Fatty Acid-Supplemented Total Parenteral Nutrition. Texas Gulf Coast Society for Parenteral and Enteral Nutrition Annual Banquet. Houston, Texas, April 199
2. Short-Chain Fatty Acid Supplementation of Total Parenteral Nutrition Increases Intestinal Adaptation Following Intestinal Resection. University of Pennsylvania Medical Center, Philadelphia, Pennsylvania, April 1996.
1. Enteral Nutrition: The Basics. NUFS 452, University of Alberta, Edmonton, Alberta, March 1995.

#### **Conferences/Symposia Chaired**

37. Course Director – American Society for Nutrition Advances and Controversies in Clinical Nutrition, Orlando, Florida, December 2016.
40. Co-Trainer – Dannon Institute Mid-Career Development Institute, Geneva, Illinois, June 12-16, 2016.
39. Chair – Nutrition and Gastrointestinal Function: The Microbiome and Beyond, San Diego, California, April 5, 2016.
38. Moderator – Clinical Nutrition Week Late Breaking Session. Clinical Nutrition Week, Austin, Texas, January 2016.
37. Co-Chair – American Society for Nutrition Advances and Controversies in Clinical Nutrition, Long Beach, California, December 2015.

36. Chair - Conducting Nutrition Research Globally: International Nutrition Resources. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exhibition, Nashville, Tennessee, October 2015.
35. Chair - Conducting Nutrition Research Globally: Conducting International RDN Focused Research. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exhibition, Nashville, TN, October 2015.
34. Chair - Conducting Nutrition Research Globally: Systematic Reviews and Guideline Development. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exhibition, Nashville, TN, October 2015.
33. Chair - Trends in Lean Body Mass: Identify, Intervene, Innovate. Food and Nutrition Conference and Exhibition, Nashville, TN, October 2015.
32. Chair - Gastroenterology and Related Topic Minisymposium. Clinical Nutrition Week 2015, Long Beach CA, February 2015.
31. Co-Chair – American Society for Nutrition Advances and Controversies in Clinical Nutrition, Washington, D.C., December 2014.
30. Chair - Medical Nutrition Therapy's Impact on Hospital Economics and Patient Outcomes. Food & Nutrition Conference & Expo, Atlanta, October 2014.
29. Co-Trainer – Dannon Institute Mid-Career Development Institute, Geneva, Illinois, June 15-18, 2014.
28. Chair - Therapeutic Diets for Diseases of the Liver and Alimentary Tract. Digestive Disease Week, Orlando FL, May 2013.
27. Chair - Diet-induced intestinal inflammation as a mediator of obesity and insulin resistance. Digestive Disease Week, San Diego, California, May 2012.
26. Functional Foods and Gastrointestinal Health. Digestive Disease Week 2011, Chicago, Illinois, May 2011.
25. Chair - The Time is Now – Elevating the Role of Nutrition for Better Patient Outcomes. Academy of Nutrition and Dietetics Food and Nutrition Conference and Exposition, Philadelphia, Pennsylvania, October 2012.
24. Pediatric Intestinal Failure and Transplantation. Clinical Nutrition Week 2012, Orlando, Florida, January 2012.
23. Moderator – Gastrointestinal Minisymposium. Clinical Nutrition Week '11, Vancouver, British Columbia, Canada, February 2011.
22. Chair - Nutritional Regulation of Intestinal Function Minisymposium. Digestive Disease Week 2010, New Orleans, Louisiana, May 2010.
21. Chair – Digestive Disease Week 2010 Press Conference – on Nutrition. Digestive Disease Week 2010, New Orleans, Louisiana, May 2010.
20. Moderator – Contemporary Issues in Nutrition Support. Digestive Disease Week 2010, New Orleans, Louisiana, May 2010.
19. Moderator - Scientific Paper Session: Clinical Nutrition Research. Clinical Nutrition Week 2010, Las Vegas, Nevada, February 2010.
18. Chair - Latest Advances in Intestinal Failure – Highlights of the CNW'10 Research Workshop. Clinical Nutrition Week 2010, Las Vegas, Nevada, February 2010.
17. Chair - NIH Sponsored Research Workshop on Intestinal Failure. Las Vegas, Nevada, February 7-8, 2010.
16. Chair - Nutrient Absorption/Nutrients and Gut Function Minisymposium. Digestive Disease Week '09, Chicago, Illinois, June 2009.
15. Chair - Nutrition and Inflammation Minisymposium. Experimental Biology '09, New Orleans, April 2009.
14. Chair - Nutrition Interventions for Health Promotion Minisymposium. Experimental Biology '09, New Orleans, April 2009.
13. Chair- Intestinal Failure Symposium. Experimental Biology '08, San Diego, April 2008.
12. Chair- Clinical Emerging Leaders Competition. Experimental Biology '08, San Diego, April 2008.
11. Moderator- A.S.P.E.N./ESPEN Symposium. Clinical Nutrition Week. Chicago, Illinois, February 2008.

10. Chair - Factors Influencing Gut Microbiota. NIH Conference on Gastrointestinal Microbiota and Advances in Prebiotic and Probiotic Research. Rockville, Maryland, December 2007.
9. Chair - Probiotics, Prebiotics in GI Health and Disease. Digestive Disease Week May 23, 2007.
8. Moderator – Enteral Nutrition Guidelines: An International Approach. Clinical Nutrition Week '06, Phoenix, Arizona, January 30, 2007.
7. Moderator – Pediatrics to Geriatrics Symposium. Clinical Nutrition Week '05, Orlando, Florida, February 2, 2005.
6. Minisymposium Co-Chair – Intestinal Metabolism and Adaptation. Experimental Biology '04, Washington, D.C., April 2004.
5. Chair - NIH Sponsored Research Workshop on Intestinal Dysfunction. Las Vegas, Nevada, February 7-8, 2004.
4. Chair - GLP-2 Function and Clinical Applications. Experimental Biology '03, San Diego, California, April 13, 2003.
3. Symposium Co-Chair – Metabolism. Nutrition Week '02. San Diego, California, February 2002.
2. Symposium Co-Chair - Functional Foods. Experimental Biology '00, San Diego, California, April 2000.
1. Symposium Co-Chair - Functional Foods: Growth Opportunities for the Future. Institute of Food Technologists, Chicago, Illinois, November 1999.

#### **Invited Discussant**

6. Opportunities Provided through DNLI. Dannon Institute Nutrition Leadership Institute. Wye River Conference Center, June 2013.
5. Panel Discussion Topic – How to be a good interviewer and interviewee. Dannon Nutrition Leadership Institute, Geneva, Illinois, June 2012.danon
4. Meet-the-Investigator Luncheon – Intestinal Adaptation and Short Bowel Syndrome. Digestive Disease Week '09, Chicago, Illinois, June 2009.
3. Invited Discussant - Premier Paper Session. Clinical Nutrition Week '05, Orlando, Florida, February 1, 2005.
2. Invited Discussant - Intestinal Failure Symposium. Clinical Nutrition Week '05, Orlando, Florida, February 1, 2005.
1. Discussant at the Premier Paper Session. Nutrition Week '03, San Antonio, Texas, January 2003.

#### **Industry Presentations**

24. Prebiotics, Probiotics and Synbiotics Fundamentals. Phoenix, AR, October 26, 2016.
23. Oligosaccharides, microbiota and allergic infants/children. Nestle Healthcare Advisory Board, Lausanne, Switzerland, July 15, 2016.
22. Visioning Intestinal Failure in 2020. Shire US Leadership Annual Retreat, Ottawa, ON, May 4, 2016.
21. Visioning Intestinal Failure in 2020. Shire US Leadership Annual Retreat, Orlando, FL, March 23, 2016.
20. Visioning Intestinal Failure in 2020. Shire Executive Leadership Annual Retreat, Miami, FL, January 7, 2016.
19. Short Bowel Syndrome: Pathophysiology and Current Management. NPS Pharma, Parsippany, New Jersey, July 2014.
18. GATTEX®—Optimizing Treatment for Adult Patients with Short Bowel Syndrome (SBS). Live National Broadcast, November 21, 2013
17. GATTEX: A Therapeutic Option for Adult Patients with Short Bowel Syndrome (SBS). Webcast, November 5, 2013
16. GATTEX: A Therapeutic Option for Adult Patients with Short Bowel Syndrome (SBS). Webcast, October 30, 2013

15. GATTEX: A Therapeutic Option for Adult Patients with Short Bowel Syndrome (SBS). Webcast, October 2013, October 23, 2013
14. Proliant/Entera Health. Research Updates re Regulation of Gastrointestinal Function. Ankeny, IA, May 2013.
13. NPS Pharmaceuticals, Inc. Pathophysiology of SBS – Impact on Fluid Balance. Parsippany, New Jersey, April 13, 2012.
12. Nutricia North America Sales Force Training. Pre- and Probiotics – What are their Clinical Utility? Denver, Colorado, April 2010.
11. Nutricia North America Sales Force Training. Pre- and Probiotics – What are their Clinical Utility? Rockville, Maryland, April 2010.
10. Emerging Therapies for Intestinal Failure: Role of Butyrate. Baxter Healthcare Corporation, Deerfield, Illinois, February 2010.
9. Prebiotic Continuing Education Presentation. Abbott Nutrition, Columbus, Ohio, June 2007.
8. Strategies for enhancing intestinal absorption. Pharmavite LLC, Valencia, California, December 11, 2006.
7. Beneficial bacteria? Implications for a healthy diet. DSM Nutritional Products, Inc. Parsippany, New Jersey, September 15, 2005.
6. Implementation of Balance Studies in the US. NPS Pharmaceuticals Clinical Advisory Meeting, Las Vegas, Nevada, February 2004.
5. Intestinal Adaptation and ALX-0600. NPS Pharmaceuticals, Mississauga, Ontario, July 2003.
4. Intestinal Adaptation and ALX-0600. NPS Allelix, Inc., Salt Lake City, Utah, August 2001.
3. Nutritional Modulation of Gastrointestinal Function. Wyeth-Ayerst Pharmaceuticals Inc., Philadelphia, Pennsylvania, June 1999.
2. Short-Chain Fatty Acids and Intestinal Adaptation. Clintec Nutrition Company, Deerfield, Illinois, April 1996.
1. Short-Chain Fatty Acids Improve the Multiorgan Response to Intestinal Resection. Clintec Nutrition Company, Deerfield, Illinois, April 1996.

#### **Intestinal Failure Patient Support Group Meet-the-Expert**

13. Indianapolis, IN, August 16, 2016.
12. Rochester, NY, March 16, 2016.
11. San Diego, California, October 29, 2015.
10. Tucson, Arizona, October 28, 2015.
9. Scottsdale, Arizona, October 27, 2015.
8. Kenosha, Wisconsin, August 26, 2015.
7. Raleigh, North Carolina, August 20, 2015.
6. Appleton, Wisconsin, August 12, 2015.
5. Tucson, Arizona, July 22, 2015.
4. Phoenix, Arizona, July 21, 2015.
3. Little Rock, Arkansas, June 3, 2015.
2. Rochester, Minnesota, May 21, 2015.
1. Biloxi, Mississippi, April 28, 2015.

## IV. TEACHING

### A. Courses Taught

#### **Food Science and Human Nutrition 101, Introduction to Food and Nutrition**

*Discusses the evolution of the food system to meet the needs and desires of a complex, heterogeneous society. Provides an overview of food about nutrition and health, composition and chemistry, microbiology, safety, processing, preservation, laws and regulations, quality, and the consumer.* Taught Fall 1999, 2003

#### **Food Science and Human Nutrition 120, Contemporary Nutrition**

*Fundamental principles of human nutrition and their application to the selection of adequate diets; current topics of nutritional importance.* Taught Spring 1998, Summer 1999, Fall 2016, Spring 2017, Summer 2017

#### **Food Science and Human Nutrition 420, Nutritional Aspects of Disease**

*Examines nutritional, biochemical, and physiological aspects of disease processes and studies the role of nutrition in prevention, management, and treatment of disease.*  
Taught Fall 2003, Fall 2005, Fall 2007-16

#### **Food Science and Human Nutrition 426, Nutritional Biochemistry I**

*Advanced human nutrition, with emphasis on the biochemical functions of nutrients essential for humans. The course emphasizes the role of essential nutrients in fuel metabolism, cell biology and biochemistry, gene expression and the synthesis of proteins, and generation of energy from metabolic fuels.* Taught Fall 2001

#### **Food Science and Human Nutrition 429, Advanced Clinical Nutrition/Nutrition Assessment & Therapy**

*Application of the principles of normal and therapeutic nutrition, nutrition assessment, nutrition intervention and evaluation as related to the management and treatment of disease states. Laboratories will allow for the development of skills in each of these areas. This course is the clinical capstone for the dietetics curriculum.* Taught Spring 1998 - 2003, Fall 2003, Fall 2005, Fall 2010-16

#### **Food Science and Human Nutrition 490, Dietetic Internship I**

*Supervised learning experience in a variety of settings and locations related to clinical nutrition, community nutrition, and food service management within Urbana/Champaign and surrounding areas.*

Taught Summer 1998 – 2003, Spring 2004 - 2005, Fall 2004

#### **Food Science and Human Nutrition 491, Dietetic Internship II**

*Supervised learning experience in a variety of settings and locations related to clinical nutrition, community nutrition, and health promotion, and food service management within Urbana/Champaign and surrounding areas.* Taught Fall 1998 – 2003, Spring 2004 - 2005, Fall 2004

#### **Nutritional Sciences 500, Nutritional Sciences Seminar**

*Discussions of current problems in nutritional sciences. Theme: Gastrointestinal Physiology.*  
Taught Fall 2003

### **Nutritional Sciences 511, Regulation of Metabolism**

*Biochemical aspects of nutrition with emphasis on the function, regulation, and metabolism of macronutrients in higher animals, including humans.* Taught Spring 2001

### **Nutritional Sciences 561, Advanced Clinical Nutrition**

*Basic pathophysiological changes associated with major organ system failure and appropriate nutritional support and treatment. Provides medical orientation needed for participating in medical, nutritional rounds;* Taught Spring 1999 (GI Diseases and Nutrition Support), 2000, 2005 (Renal Diseases and Nutritional Therapy), 2002 (Nutrition Support), 2003, 2010 (GI Diseases and Diet Therapy), 2012 (Nutrition and Bariatric Surgery)

## **B. Mentoring**

### **Graduate Students Directly Mentored**

**Kristin Reardon**, M.S., R.D. 2001 - Short-chain fatty acids and intestinal adaptation: the role of GLP-2.

**Mary Dean Coleman**, M.S. 2001 - Effect of fermentable dietary fiber consumption on small intestinal function in humans.

**Laura Milo**, M.S., R.D. 2001 - The effect of short-chain fatty acids supplemented total parenteral nutrition on mucosal immunity in neonatal piglets.

**Catherine Miller**, Ph.D. student (left lab in 2002) - Short-chain fatty acid regulation of proglucagon transcription.

**Keri A. Kles**, Ph.D. 2003 - Specific alterations in intestinal function during hypoperfusion.

**Coryn E. Commare**, M.S., R.D. 2003 - Effect of colostrum on gastrointestinal development.

**Anne L. Bartholome**, Ph.D., R.D. 2004 - Mechanisms of short-chain fatty acid-induced intestinal adaptation after massive small bowel resection.

**David M. Albin**, Ph.D. 2004 - Short-chain fatty acid regulation of amino acid transport.

**Ren Stephen**, M.S. 2004 - Impact of fermentable fiber on the gastrointestinal immune system.

**Nancy Correa**, Ph.D. R.D. 2005 - Regulation of Salmonella infection by dietary fiber consumption.

**Bianca Maples**, M.S., R.D. - Effect of diet on intestinal adaptation following injury in piglets.

**Fatima Ahmed**, M.S. 2005 - Physiological mechanisms governing the onset and consequences of necrotizing enterocolitis.

**Kristy Powell**, M.S., R.D. 2007 – Regulation of intestinal water absorption by optimizing beverage composition.

**Kristin Faust**, M.S., R.D. 2008 – The addition of prebiotics to an elemental enteral formula and subcutaneous injections of GLP-23 (3-33) and their association with intestinal compromise, adaptation, and microbiota.

**Andrew Deutsch**, M.S., 2009 – The regulation of intestinal adaptation by glucagon-like peptide-2 in a neonatal piglets model of short bowel syndrome.

**Jennifer Woodard**, Ph.D. 2010 – Butyrate-induced expression of proglucagon: Implications for enteroendocrine signaling and intestinal growth.

**Erica Nehrling**, M.S. R.D., 2011 – Impact of butyrate on intestinal mucin production.

**Hannah Holscher**, Ph.D., 2012 - Effects of probiotics and prebiotics on the developing infant intestine

**Jennifer Barnes**, Ph.D., 2013 - Efficacy of Butyrate Producing Therapies for use in Pediatric Intestinal Failure Patients

**Ginger Reeser**, M.S., R.D., 2013 - Regulation of Intestinal Function by Intestinal-Derived Peptides

**Heather Mangian**, Ph.D., 2014 – Butyrate-induced upregulation of intestinal glucose transport and signaling pathways represent a possible nutrient therapy for individuals with malabsorptive disorders.

**Jane Naberhuis**, Ph.D., 2015 - Accelerating intestinal maturation for understanding feeding intolerance in premature infants

**Brett Loman**, Ph.D., R.D., 2017 - The effects of short bowel syndrome on GI microbiota with feeding of pro, pre, and synbiotic.

**Vanessa Peters**, M.D., Ph.D., expected 2017 – The impact of malnutrition on *Clostridium difficile*-associated diarrhea.

### **Undergraduate Students Mentored in Research Program**

Maureen Cheng, 1999–2000

Karla Gifford, 1999

Michael Nowak, 2000

Ruth Houseright, 2002–03

Christine Leick, 2002–05

Doug Gilbert, 2003–05

Katie Wetzel, 2003–05

Jennifer Woodard, 2004–05

Andrew Deutsch, 2004–06

Shayna Peter, 2005-07

Joshua Lopez, 2005–08

Jennifer Westerkamp, 2007

Anneliese Opfer, 2007–08

Michael Manious, 2007-08

Prosper Osei, 2008

Alex Silva, 2008-09

Deanna Schmitt, 2008

Jackie Boyd, 2009

Liz Reynolds, 2010-11

Jamie Doligale, 2010-11

Joe Costello, 2010-11

Christina Jablonski, 2011

Barbara Fine, 1999-2000

Kendra Budelier, 2000-01

Kristin Reifsteck, 2000-04

Tina Murphy, 2002-04

Todd Weber, 2002–05

Linda Lee, 2003–04

Jerry Cheng, 2004–05

Elizabeth Kos, 2004–06

Bree Zimmerman, 2005–06

Lia Nelson, 2005–08

Jennifer Barnes, 2006-08

Selina Varma, 2007-08

Jonathan Hsu, 2007-08

Nikole Yue Qing Xue, 2008-10

Shannon Clafford, 2008-10

Melissa Morales, 2008

William Davis, 2008–11

Brandan Pflugmacher, 2009

Jacob Samaan, 2009

Sara Ausmus, 2010-11

Tamara Harvatt, 2011

### **Visiting Students Mentored in Laboratory**

Josette Jones, University of Illinois, College of ACES, Research Apprentice Program, Summer 1998.

Elizabeth Sudlow, 1998 Summer Mentoring Program for Champaign Unit #4 Teachers.

Hassan Nixon, University of Illinois, College of ACES Research Apprentice Program, Summer 2002.

Talia Hernandez, Ties-Enlaces/US-AID/Mexico University of Illinois-Universidad Autonoma de Queretaro, Summer-Fall 2004.

Edith Agama Acevedo, Ties-Enlaces/US-AID/Mexico University of Illinois-Universidad Autonoma de Queretaro, Summer 2006.

Gopel Kedia, University of Manchester, United Kingdom, Fall 2005.

Rahimsan Ramachandran, Rønde Højskole, Denmark, Spring 2007.

Todd Gilbert, Ogden Utah, Weber State University, Summer 2007.

Mike Stein Barnkob, Odense C Denmark, University of Southern Denmark School of Medicine, Summer 2007.

Angela Latsiou, Anatolia College of Thessaloniki, Greece, Research Apprentice Program, Summer 2007.

Camerra Miller, Madison Sr, High School, Madison, IL, Research Apprentice Program, Summer 2008.

Carina Dominguez, Francis W. Parker High School, Chicago, IL, Research Apprentice Program, Summer 2008.

Jasmin Smith, Centennial High School, Champaign, IL, Research Apprentice Program, Summer 2009.

Elsy Alejandra Espinoza, Food Science and Technology Department, Zamorano University, 2010.  
Belsis Francisco, Brother Rice High School, Chicago, IL, Research Apprentice II Program, Summer 2010.  
Sarah Francik, University of Illinois- College of Veterinary Medicine, Urbana, IL, NIH Veterinary Intern,  
Summer 2010

## **V. COMMITTEE WORK**

### **A. Committee Work within Professional Societies**

#### **Academy of Nutrition and Dietetics**

Support Line Mentoring Program, 1998-2000  
Adult Malnutrition Validity and Feasibility Testing Workgroup, 2012-13  
Research Committee, 2013-14  
Research Council, Chair, 2014-16

#### **American Gastroenterological Association**

Intestinal Disorders Section Delegate, 1999-01  
Nutrition and Obesity Section Steering Committee, 2005-09  
Abstract Review Subcommittee, 2006-08

#### **American Society for Parenteral and Enteral Nutrition**

Rhoads Research Foundation Committee, 1997  
Journal of Parenteral and Enteral Nutrition Editor-in-Chief Search Committee, 1998  
Research and Data Committee, 1999-2000  
On-Line Journals Task Force, 1999  
Self-Assessment Committee, 2001  
Blue Ribbon Task Force on Research Chair, 2001-02  
Research Section Officer, 1999-02  
Research Committee Chair, 2002-04  
Clinical Trials Initiative Task Force, 2003  
Governance Task Force, 2004  
Intersociety Research Meeting Working Group, A.S.P.E.N. representative, 2004  
Blue Ribbon Journals Evaluation Task Force Chair, 2006  
Journal of Parenteral and Enteral Nutrition Editor-in-Chief Search Committee Chair, 2007  
Nominating Committee, Chair, 2010  
Research Committee, 2010-13  
Fellow Selection Committee, 2012  
Clinical Nutrition Week Committee, 2012-13  
International Strategy Task Force, 2013  
Guidelines Editor Search Committee, 2013-14  
International Malnutrition Consensus Taskforce, 2016  
Global Leadership Initiative on Malnutrition, 2016

#### **American Society of Nutritional Sciences**

Student Research Interest Section Co-Advisor, 2002-present  
Energy and Macronutrient Research Interest Section Steering Committee, 2003-04  
Bioserv Award Nominating Committee, 2004  
Minority Affairs Committee, 2004  
Graduate Student Research Award Abstract Review Committee, 2005  
Continuing Medical Education Committee, 2008-09  
Co-Chair – 2010-11, Chair – 2011-12  
Young Investigator Group I Awards Jury, 2013  
Transition Team Executive Committee, 2014-16  
Advances and Controversies in Clinical Nutrition Planning Committee, 2014  
Co-Chair – 2014-15; Chair - 2016

#### **Carle Foundation Hospital**

Future Directions Steering Committee for the Research Institute – 2012-14

#### **Latin-American Federation for Parenteral and Enteral Nutrition**

International Adviser Committee, FELANPE Congress, Asunción, Paraguay, 2009-10

## **B. Committee Work at the University of Illinois**

### **Department of Food Science and Human Nutrition**

Strategic Planning Graduate Program Committee, 1998  
Graduate Programs Committee, 1998-99  
Strategic Planning Nutrition Committee, 2000  
Strategic Planning Hospitality Management Committee, 2000  
Search Committee, Assistant/Associate Professor of Nutrition, 2000  
Courses and Curriculum Committee, 2002-03  
Graduate Programs Committee, 2003-08  
Search Committee, Assistant/Associate Professor of Obesity, 2004  
Awards Committee, 2002, 2005-06, 2009-11, Chair 2011-13  
Promotion and Tenure Committee, 2006-08, 2011-2013, Chair 2012  
Professional Science Masters Admissions Committee, 2013  
Ambassadors Committee, 2013-15  
Undergraduate Scholarships Committees, 2013-14  
Hospitality Management Teaching Associate Search Committee, 2014  
Visiting Technology Analyst Search Committee Chair, 2014  
Courses and Curriculum Committee, 2014-17  
Grievances Committee, Chair, 2014-16  
Personalized Nutrition Assistant Professor Search Committee, 2016

### **Division of Nutritional Sciences**

External Advisory Planning Committee, 1999  
Graduate Student Grievance Committee, 2000  
Curriculum Review Committee, 2002  
Graduate Student Review Committee, 2003  
Curriculum Review Committee, 2010-11  
Executive Committee, 2002-04, 2009-11, 2011-15  
Qualifier Examination Committee, 2005-08, Chair, 2008; 2013-16, Chair, 2016  
DNS Anniversary Celebration Committee, Fund Raising Subcommittee, 2017

### **Department of Animal Sciences**

Comparative Nutrition Assistant Professor Search Committee, 2003-04

### **College of Agricultural, Consumer and Environmental Sciences**

Funk Service Award Selection Committee, College of ACES, 2001  
Peter Reeds Memorial Committee, 2002  
Research Policy Committee, 2004  
Academy of Teaching Excellence, 2004-06, 2007-09, 2010-12  
    Fall Symposium Planning Subcommittee, 2004-05, 2011-12, Chair 11-13  
    Spice Box Seminars Planning Subcommittee, 2004-05, 2011-12, Chair 11-12  
    Undergraduate Research Journal Subcommittee, 2004-05  
    Graduate Student Mentoring Programs Subcommittee, 2004-05  
Animal Care Advisory Committee, 2004-05  
Research Policy Committee, 2004-06  
Research Awards Selection Committee, 2005  
Executive Committee Faculty Meeting Subcommittee, 2005-06; Chair 2006-07  
College Executive Committee (elected), 2008-10, 2010-12, Secretary 2010-12, 2014-16  
    Graduate Education Policy Committee Liaison, 2008-09, 2010-12  
    Development Policy Committee Liaison, 2009-10  
    Faculty Grievance Subcommittee, 2010-12  
Service Recognition Award Selection Committee, College of ACES, 2011-12, Chair, 2011  
Excellence in Teaching Awards Selection Committee, 2013-14; Chair 2014

Advancement Policy Committee, 2012-14  
Research Policy Committee, 2014-16  
Advancement Policy Committee, 2012-14, 2016-18

#### **University of Illinois**

Institutional Animal Care and Use Committee (IACUC), 2000-08  
Vice-Chair, 2005-08  
    Investigator Training IACUC Subcommittee, 2000  
    Controlled Drugs IACUC Subcommittee, 2001  
Department of Veterinary Pathology Department Head Search Committee,  
College of Veterinary Medicine, 2004  
University of Illinois Senate, 2005-07  
    Senate Committee on Educational Policy, 2005-07  
    Chair, Subcommittee A, 2005-06  
Vice-Chancellor for Student Affairs Wellness Committee, 2006-08  
Office of Continuing Education Evaluation Committee, 2006-07  
    Dean of the Graduate College Search Committee, 2007-08  
Breakthrough Knowledge and Innovation Subcommittee of the Accreditation Committee, 2007-09  
Provost's Tuition Waiver Policy Revision Committee, 2007-09  
Chancellor's Wellness Committee, 2006-09  
Vice-Chancellor for Student Affairs Academic Integrity Task Force, 2008-09  
Vice-President for Academic Affairs Multi-Institutional Degrees Task Force, 2008-09  
Vice-President for Academic Affairs Diversity and Access Task Force, 2008-09  
Provost's Mid-Career Faculty Development Task Force, 2009  
University Scholar Selection Committee, 2010  
Targets of Opportunity Program (TOP) Selection Committee, 2011-13  
Chancellor/Provost Faculty Consultation Group – 2010-13  
Campus Research Board, 2012-15  
Campus Honors Program Director Search Committee, 2013  
Provost's Cabinet, 2013-15  
Chancellor's Gender Equity Council, 2014-15  
    Chair, 2015-16  
iHealth Curriculum Committee, 2016-17  
College of Medicine Curriculum Committee, 2016-17

#### **C. Other Miscellaneous Committee Work**

Chairperson, Misericordia Hospital Nutrition Month Committee, 1993  
Secretary, Edmonton Nutrition Month Committee, 1993  
Edmonton Nutrition Month Committee - 1994-95  
Edmonton Science and Technology Hotline - Speaker's Bureau, 1993-96  
Agricultural, Food and Nutritional Science Department Council Student Representative,  
University of Alberta, 1995-96  
Graduate Student Association Council, University of Alberta, 1995-96  
Chairperson, Edmonton Nutrition Month Committee, 1995-96  
Danville Veteran's Administration Institutional Review Board, 2000-02  
Champaign Community Unit School District #4 Wellness Committee, 2005-07  
Danone International Prize for Nutrition Nomination Committee, 2015