*As experts on their funded research projects and the subsequent outcomes, grant outcomes are self-reported by the individual grant recipients.

**Abbott Nutrition Research Grant**

Awardee: Ana Paula Pagano, MSc, RD  
Grant Year: 2021, 2023  
Grant Title: Using Innovative Tools to Improve Nutritional Assessment in Oncology.

**Publications:**

Awardee: Lisa Martin, PhD, RD  
Grant Year: 2021  
Grant Title: Implementing the Use of CT-images as Part of the Nutrition Care Process: A Feasibility Study

**Abstracts:**
1. Lisa Martin, PhD, RD; Mei Tom, RD; Carlota Basualdo-Hammond, RD, MSc; Vickie Baracos, PhD; Leah Gramlich, MD, FRCPC. An explanatory sequential mixed methods approach to understand how Registered Dietitians deploy computed-tomography (CT) skeletal muscle assessments in clinical practice. Abstracts. ASPEN Nutrition Science & Practice Conference: March 26 – 29, 2022, Seattle, WA. Trainee Award; Best of ASPEN-Malnutrition, Obesity, Nutrition Practice Concepts.

Awardee: Enid Martinez, MD  
Grant Year: 2019, 2020  
Grant Title: The role of gastrointestinal proteases and the protease-activated receptor-2 in gastric dysmotility in pediatric critical illness.

**Publications:**
2. Manuscript in progress with the Journal of Cellular and Molecular Gastroenterology and Hepatology; pending acceptance and publication.
Abstracts:

Awardee: Lee-anne Chapple, PhD, MNutrDiet
Grant Year: 2018
Grant Title: Effects of Standard vs Energy-Dense Formulae on Gastric Retention, Energy Delivery, and Glycemia in Critically Ill Patients.

Publications:

Awardee: Jayshil Patel, MD
Grant Year: 2016 & 2017
Grant Title: Early Enteral Nutrition in Septic Shock

Publications:

Abstracts:

Awardee: Adam Rahman, MD, DABIM, FRCPC
Grant Year: 2015
Grant Title: Phase II, multi-center, randomized control trial of beta-hydroxy-methylbutyrate in improving physical muscle function in nutritionally at risk elderly patients.

Presentations:

2. 01/15 Speaker, NUTRIC meeting at the American Society of Parenteral and Enteral Nutrition, Clinical Nutrition Week, Phase II randomized control of Beta-hydroxy-methylbutyrate in at risk critically ill patients.

3. 05/15 Chair, Symposium, Linking nutrition to function in hospitalized and critically ill patients, Canadian Nutrition Society, Annual Meeting, Winnipeg, Manitoba

09/15 Speaker, Meaningful measures of function in ICU survivors. Body Composition Protocol Development Meeting, Waterloo, Ontario

Awardee: Elsa Bou Ghanem, PhD
Grant Years: 2013, 2014
Grant Title: Vitamin E reverses age-associated susceptibility to Streptococcus pneumoniae lung infection

Publications:

Abstracts:

2. Oral presentation; Vitamin E reverses age-associated susceptibility to Streptococcus pneumoniae lung infection (ASN's Nutrition, infection and immunity session at the Experimental Biology Conference, Boston, MA April 2013)

3. Poster presentation; Vitamin E reverses age-associated susceptibility to Streptococcus pneumoniae lung infection (Nutritional Immunology RIS trainee poster competition at the Experimental Biology Conference, Boston, MA April 2013)

4. Oral presentation; Vitamin E boosts resistance to Streptococcus pneumoniae infection in aged mice by inhibiting hepoxilin A3-mediated neutrophil recruitment across the lung epithelium. (Experimental Biology Conference, San Diego, CA April 2014)

5. Abstract; The Impact of Age and Vitamin E Supplementation on Streptococcus pneumoniae Virulence (American Society for Microbiology 114th General Meeting, Boston, MA May 2014)*

*The abstract was among the few chosen to be featured in the ASM press room

Awardee: Kenneth Ng, DO
Grant Year: 2012
Grant Title: Role of phytosterols and FXR signaling in parenteral nutrition-associated liver disease

Publications:
1. Ng K, Stoll B, Chacko O, Saenz de Pipaon M, Lauridsen C, Gray M, Squires EJ, Marini J,


**Abstracts:**


**Awardee: Gail Cresci, PhD, RD, CNSD**
Grant Years: 2010, 2011
Grant Title: Probiotics and the short-chain fatty acid butyrate: What is the mechanism in which these substrates prevent antibiotic associated diarrhea?

**Publications:**


**Abstracts:**


**Awardee: Carrie Earthman, PhD, RD**
Grant Years: 2005, 2006
Grant Title: Clinical implications of gastric bypass surgery

**Publications:**


3. Levitt DG, Beckman LM, Mager JR, Valentine B, Sibley SD, Beckman TR, Kellogg TA, Ikramuddin S, Earthman CP. Comparison of DXA and water measurements of body fat...


Abstracts:


**Presentations:**

1. “Vitamin D Deficiency after Bariatric Surgery: Implications and Considerations”, 9th Annual Bariatric Education Days, The University of Minnesota Medical School, Bloomington, MN. June 2013


4. “Vitamin D Status Following Gastric Bypass Surgery”, City-Wide Endocrine Conference, Department of Medicine – Endocrine Division, University of Minnesota-Twin Cities. February 2013


8. “Body Composition and Vitamin D Status Following Gastric Bypass Surgery”, Section for Clinical Nutrition, Sahlgrenska, University of Gothenburg, Gothenburg, Sweden. June 2012
13. “Diminished Vitamin D Status In Obesity: Implications and Considerations in Gastric Bypass Surgery Patients”. Institute of Toxicology and Nutrition, School of Medicine, Zhejiang University, Hangzhou, China. May 2011
14. “Vitamin D Inadequacy in Obesity: Before and After Gastric Bypass Surgery”. University of Rome – Tor Vergata, Department of Medicine and Surgery, Rome, Italy. February 2011
15. “Clinical and Nutritional Implications of Gastric Bypass Surgery”, Department of Clinical Sciences, University of Kentucky, Lexington, KY February 2010
16. “Changes in Gastrointestinal Hormones and Leptin after Roux-en Y Gastric Bypass Surgery”, (Lauren Beckman, Doctoral Student Presented twice, for the Harry M. Vars Award competition), Clinical Nutrition Week 2010, Las Vegas, NV February 2010
20. “Methodologic Considerations for Monitoring Body Composition Changes after Gastric Bypass Surgery”, City-Wide Endocrine Conference, Department of Medicine – Endocrine Division, University of Minnesota-Twin Cities. April 2007
Awardee: Bruce Grossie, PhD
Grant Years: 2003, 2004
Grant Title: Response of an inflammatory site to arginine modified parenteral nutrition

Abstracts:

Awardee: James Scolapio, MD
Grant Year: 2001
Grant Title: Gastric secretory and motor transit responses in patients with short bowel syndrome

Publications:

Awardee: Kelly Tappenden, PhD, RD
Grant Years: 1999, 2000
Grant Title: Prevention of bowel ischemia with optimized nutrition

Publications:
**Baxter Grant for Parenteral Nutrition Research**

**Awardee: Hassan Dashti, PhD**  
Grant Year: 2021 (2019 C. Richard Fleming Grant)  
Grant Title: Assessing circadian misalignment from overnight parenteral nutrition

**Publications**  

**Awardee: Jayshil J. Patel, MD**  
Grant Year: 2019  
Grant Title: A Phase II Double Blind Randomized Controlled Trial of High Dose Vitamin B12 in Septic Shock.

**Publications:**  

**Awardee: James Davison, PhD**  
Grant Year: 2018  
Grant Title: Modulation of organ injury by Faecalibacterium prausnitzii in critical illness

**Abstracts:**  

**Awardee: Gregory Guthrie, PhD**  
Grant Year: 2016, 2017  
Grant Title: Synergy between phytosterols and inflammation to antagonize nuclear
hormone receptor function in PNALD

**Publications:**

**Abstracts:**
1. *Phytosterols Synergize with Endotoxin to Augment Inflammation in Kupffer Cells but Alone Have Limited Direct Effect on Hepatocytes*, CNW2017 submission. Accepted for Vars Candidacy.

**Presentations:**
2. “Phytosterols have weak direct effect on hepatocyte expression but enhance Kupffer Cell activation by endotoxin’, (oral and poster presentation for Emerging Leader in Nutrition Science competition) Experimental Biology Conference, Chicago, Illinois, April 2017

**Awardee: Ajay Jain, MD**
Grant Year: 2014-2015
Grant Title: Novel Interventions modulating the FXR-FGF19 Axis and the TGR5-GLP Axis as Therapeutic Approaches for TPN Associated Pathologies.

**Publications:**

**Abstracts:**
Abhineet Sharma, student; Sumit Arora, student; Keith S. Blomenkamp, Research Asst; Ik Jun, Student; Robert Luong, Student; David Westrich, student; Asyush Mittal, student; John P. Long, PhD; Jeffrey Teckman, MD. JPEN J Parenter Enteral Nutr, Jan 2016; vol. 40, 1:pp. 115-144.


**Awardee: Matthew Lungren, MD**
Grant Year: 2012
Grant Title: Bacteriophage antimicrobial-lock technique for *Staphylococcus aureus* venous parenteral nutrition catheter-related infection: an in vivo model evaluation

**Publications:**

**Abstracts:**
Fresenius Kabi Parenteral Nutrition Research Grant

Awardee: Darla Shores, MD
Grant Year: 2016
Grant Title: Biomarkers of intestinal injury in infants

Abstracts:
1. Serum detection of ingested proteins in mice with necrotizing enterocolitis. CNW2017 submission.
2. Post-operative Feeding Guidelines for Infants at risk of intestinal Failure. CNW 2017 submission.

Awardee: Hongyu Xue, MD
Grant Years: 2013, 2014
Grant Title: Modulating cardiotoxicity and anti-cancer efficacy related to anthracycline chemotherapy by glutamine and n-3 PUFAs

Publications:

Abstracts:
Nestlé Nutrition Institute Maurice Shils Grant

Awardee: Lisa Martin, PhD, RD
Grant Year: 2021
Grant Title: Implementing the Use of CT-images as Part of the Nutrition Care Process: A Feasibility Study

Abstracts:
1. Lisa Martin, PhD, RD; Mei Tom, RD; Carlota Basualdo-Hammond, RD, MSc; Vickie Baracos, PhD; Leah Gramlich, MD, FRCPC. An explanatory sequential mixed methods approach to understand how Registered Dietitians deploy computed-tomography (CT) skeletal muscle assessments in clinical practice. Abstracts. ASPEN Nutrition Science & Practice Conference: March 26 – 29, 2022, Seattle, WA. Trainee Award; Best of ASPEN-Malnutrition, Obesity, Nutrition Practice Concepts.

Awardee: Fatemeh Ramezani, PhD
Grant Year: 2020
Grant Title: Can tributyrin supplementation protect intestinal health during recurrent Clostridium difficile colonization and antibiotic treatment?

Abstracts:

Awardee: Hannah Piper, MD
Grant Year: 2018
Grant Title: Targeted Probiotic Therapy to Improve the Gut Microbiota and Growth in Children with Short Bowel Syndrome.
Publications:

Abstracts:

Awardee: Adam Kuchnia, MS, RD
Grant Year: 2016
Grant Title: Determination of protein requirements using a stable isotope multi-step feeding protocol and evaluation of an innovative ultrasound device and other bedside technologies for lean tissue assessment in individuals with head and neck cancer.

Abstracts:

Awardee: Kate Walton, PhD
Grant Year: 2015
Grant Title: Towards therapeutic strategies to improve patient outcome with total parenteral nutrition: clues from cell signaling networks

Publications:

Publications in Preparation:


Abstracts:


Awardee: Crystal Levesque, PhD
Grant Years: 2013, 2014
Grant Title: A pilot study of systemic glucagon-like peptide combined with oral epidermal growth factor and characterization of gut microbiome in short bowel piglets with and without ileum

Publications:

Abstracts:

Awardee: Joseph Boullata, PharmD, BCNSP
Grant Years: 2011, 2012
Grant Title: Drug compatibility and stability in enteral nutrition

Publications:

Abstracts:

Nutrition Week, Phoenix, AZ, 2013.

**Awardee: Diana Mager, PhD, RD**

Grant Years: 2009, 2010

Grant Title: Altered postprandial lipid metabolism as a mediator to hepatic steatosis in overweight and obese children with non-alcoholic steatosis (NASH)

**Publications:**


**Abstracts:**

1. Mager DR, Mazurak, V, Proctor, S, Gilmour S, Yap J. Dietary intake may influence essential fatty acid and long chain polyunsaturated fatty acid expression in children with nonalcoholic fatty liver disease (NAFLD). AASLD Meeting, Washington DC. *Hepatology* 2013 58:817A.


**Presentations:**


3. Invited Speaker: Childhood NAFLD in Canada. School of Public Health, Xinjiang Medical University, Xinjiang Autonomous Region, People’s Republic of China, June 2010.


**Further Funding:**

1. Alberta Diabetes Institute
2. Canadian Liver Foundation
3. Canadian Institutes of Health Research
Nestlé Health Science Enteral Nutrition Research Grant

Awardee: Zudin Puthucheary PhD, MBBS, BMedSci., MRCP, EDICM, D. UHM, PGCME, FHEA, FFICM
Grant Years: 2018
Grant Title: Assessment of differential amino acid uptake and metabolomics profiles between intermittent and continuous feeding protocols in the critically ill: an IVC trial (NCT02358512)

Publications:
2. Manuscripts related to this project are in progress with the Journal of Respiratory and Critical Care Medicine.
Maurice Shils Grant
Jointly sponsored by Baxter Healthcare and Nestlé Nutrition Prior to 2010

Awardee: Barbara Stoll, PhD
Grant Years: 2007, 2008
Grant Title: Parenteral nutrition and hepatic insulin resistance in neonatal pigs

Publications:

Abstracts:
3. Stoll B, Puiman PJ, Benight N, Baucht C, Burrin DG. Decreased insulin sensitivity due to

Awardee: Catherine Crill, PharmD
Grant Year: 2005
Grant Title: Effect of parenteral nutrition light exposure on urinary markers of oxidative stress in preterm infants

Abstracts:

Awardee: Steven Steiner, MD
Grant Year: 2005
Grant Title: Metabolic response to Infliximad in pediatric ulcerative colitis

Publications:

Awardee: Hua Yang, MD, PhD
Grant Year: 2004
Grant Title: IL-7 modulation of intraepithelial lymphocytes with TPN

Publications:
**Awardee: Paul Wischmeyer, MD**  
Grant Year: 2002  
Grant Title: Effect of glutamine administration to the intact rat on myocardial ischemia and reperfusion injury

*Publications:*  

**Awardee: N. Joseph Espat, MD**  
Grant Years: 2000, 2001  
Grant Title: Proposal to investigate anti-inflammatory therapies (Omega-3 fatty acids and cyclo-oxygenase II inhibitors in the treatment of cancer-associated cachexia

*Publications:*  

**Awardee: Deborah Swartz-Basile, PhD**  
Grant Years: 1998, 1999  
Grant Title: Retinoid modulation of intestinal epithelial adaptation

*Publications:*  

**Awardee: Malcolm Robinson, MD**  
Grant Years: 1996, 1997  
Grant Title: Sepsis, malnutrition and liver dysfunction: The role of glutathione
Publications:

Awardee: W. Scott Helton, MD
Grant Years: 1994, 1995
Grant Title: Nutritional modulation of macrophage function

Publications:

Abstracts:

Presentations:


Further Funding:
1. CNRU, University of Washington
2. NIH R-13, R-29, R03
3. University of Illinois
4. Ross Labs
5. American Cancer Society

Norman Yoshimura Grant by B. Braun and the Aesculap Academy

Awardee: Marko Rudar PhD
Grant Year: 2020
Grant Title: Regulation of skeletal muscle protein synthesis in the preterm pig by intermittent leucine pulses during continuous parenteral feeding

Publications:

Awardee: Lori Bechard, PhD, MEd, RD
Grant Years: 2018, 2019
Grant Title: The consequences of malnutrition in mechanically ventilated critically ill children- a multicenter prospective cohort study of nutritional practices and clinical outcomes in pediatric intensive care units around the world.

Publications:
Abstracts:

Awardee: Chelsia Gillis, MSc, RD
Grant year: 2017
Grant Title: Prehabilitation intervention to improve patient-centered outcomes post-colorectal surgery for cancer: A multicenter randomized controlled trial.

Abstracts:

Awardee: Kenneth Christopher, MD
Grant Year: 2015
Grant Title: Nutritional metabolome in critical illness

Publications:

Abstracts:
1. Premier Paper Session, CNW16, Austin Texas. Oral presentation: Plasma Metabolome Alteration in Critical Illness According to Nutrition Status: a Cohort Study. Kris Mogensen, MS, RD, LDN, CNSC; Jessica Lasky-Su, PhD; Angela Rogers, MD; Rebecca Baron, MD; Laura Fredenburg, MD; James Rawn, MD; Malcolm Robinson, MD; Anthony Massaro, MD; Augustine Choi, MD; Kenneth Christopher, MD. JPEN J Parenter Enteral Nutr, January 2014; vol. 38, 1: pp. 124-149.

Awardee: Christy Lawson, MD
Grant Years: 2012, 2013
Grant Title: Cross-talk between insulin and angiotensin in burn trauma

Abstracts:

Awardee: Gerdien Ligthart-Melis, PhD
Grant Years: 2009, 2010
Grant Title: The contribution of glutamine to citrulline and arginine synthesis, when alanyl-glutamine is supplied in an enteral dose of 0.5g/kg, in critically ill patients.

Abstracts:
1. Vermeulen MAR, van Leeuwen PAM, Beishuizen A, Ligthart-Melis GC. Glutamine


**Awardee: Renee Stapleton, MD**

Grant Year: 2006

Grant Title: Anti-inflammatory effects of enteral n-3 fatty acids in patients with acute lung injury

**Publications:**


**Abstracts:**


5. Stapleton RD, Martin TR, Gundel SJ, Crowley JJ, Nathens AB, Watkins TR, Akhtar SR, Martin JM, Ruzinski JT, Caldwell E, Neff MJ. A phase II, randomized, double-blind,


**Presentations:**


3. Visiting Professor, University of Pennsylvania Perelman School of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine, “Omega-3 Fatty Acids for the Treatment of Acute Lung Injury.” February 2011.


**Further Funding:**

1. NIH
2. University of Vermont/Fletcher Allen Health Care
3. American Heart Association
4. Canadian Institutes of Health
5. Center of Biomedical Research Excellence

**Awardee: Julian Spallholz, PhD**

Grant Year: 2005
Grant Title: Selenium dietary supplements in the mitigation of arsenicosis and associated skin cancers

Abstracts:

Awardee: David Foster, PharmD
Grant Year: 2004
Grant Title: The effects of green tea polyphenols on intestinal hyperpermeability

Publications:

Further Funding:
American College of Clinical Pharmacy

Awardee: Roland Dickerson, PharmD
Grant Year: 2002
Grant Title: Drug compatibility and stability in enteral nutrition

Publications:

Awardee: Alexander Dzakovic, MD
Grant Year: 2001
Grant Title: Protective effect of increased hepatic glutathione during TPN

Publications:

Abstracts:


Foundation Grants

ASPEN Rhoads Research Foundation Grant
Awardee: Hannah Piper, MD
Grant Year: 2017
Grant Title: Targeted Probiotic Therapy to Improve the Gut Microbiota and Growth in Children with Short Bowel Syndrome.

Publications:

Abstracts:

C. Richard Fleming Grant

Awardee: Imre W.K. Kouw, PhD, MNutr, BDiet
Grant Year: 2021
Grant Title: The effect of enteral feeding pattern on glycemic control and gastrointestinal function in critically ill patients

Abstracts:
Termote E, Chapple LS, Horowitz M, Chapman M, Kouw IWK. Comparative effects of intermittent vs continuous enteral nutrition and time of day on glycemic variability in critically ill patients. Poster presentation at: International symposium on intensive care & emergency medicine (ISICEM) 2021. Date: 31 August 2021

Awardee: Hassan Dashti,
Grant Year: 2019
Grant Title: Assessing circadian misalignment from overnight parenteral nutrition.

Abstracts:
2. Presentation at NUTRITION 2020 conference’s “gene-diet interaction forum” describing how electronic health records could be leveraged to study complex diseases in the hospitalized patients (meeting may be cancelled due to COVID-19).

Awardee: Lisa Martin, PhD, RD, MSc
Grant Year: 2017
Grant Title: Diagnostic criteria for malnutrition in overweight and obese cancer patients

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Publications:

Abstracts:

Awardee: Beth Lyman (Ashley Hayden)
Grant Year: 2015
Grant Title: Enteral Feeding Set Handling Techniques: A comparison of bacterial growth, time, labor, and material costs

Publications:

Abstracts:
CNW16 abstract presented:

Awardee: Michele Nicolo, MS, RD, CDE, CNSC
Grant Year: 2014
Grant Title: Clinical outcomes in critically ill patients associated with protein delivery

Publications:

Abstracts:

Allison Blackmer, PharmD, BCPS
Grant Year: 2012
Grant Title: Neurodevelopmental outcomes of pediatric patients treated with modified intravenous lipid emulsion for the treatment and/or prevention of parenteral nutrition
associated liver disease

**Publications:**

**Abstracts:**

**Awardee: Yongjia Feng, PhD**
Grant Year: 2011
Grant Title: Modulation of glucagon like peptide-2 and epidermal growth factor signaling in intestinal epithelial cell proliferation and apoptosis in a TPN mouse model

**Publications:**

**Abstracts:**

**Awardee: Matthew C. Koopman, MD**
Grant Year: 2009
Grant Title: What is the optimal time to administer GLP-2 in SBS?
**Publications:**

**Abstracts:**

**Awardee: Alisha Rovner, PhD**
Grant Year: 2004
Grant Title: Bone health in children with sickle cell disease.

**Publications:**

**Awardee: Robert Chang, MD**
Grant Year: 2003
Grant Title: Evaluation of serial enteroplasty: A novel bowel lengthening procedure

**Publications:**

**Awardee: Jennifer Muir Bowers, PhD, RD**
Grant Year: 2002
Grant Title: Cytokine response in malnutrition and severe fatigue related to coccidioidomycosis

**Presentations:**

**Awardee: Rose Ann DiMaria-Ghalili, PhD, RN, CNSC, FASPEN**
Grant Year: 2000
Grant Title: Comparison of weight changes in older and younger persons undergoing CABG surgery
Publications:

Abstracts:

Presentations:
4. DiMaria-Ghalili RA. *Nutrition in Older Adults.* Dartmouth-Hitchcock Medical Center in Lebanon, NH, 2009.
5. DiMaria-Ghalili RA. *A model to examine factors associated with postoperative weight*
changes and health outcomes in older CABG patients. 61st Annual Scientific Meeting of the Gerontological Society of America, Washington DC, 2008.

Media Mention:

Further Funding:
American Nurses Foundation

Awardee: Philip Pearson, MD
Grant Year: 2000
Grant Title: The role of leptin in intestinal adaptation after massive small bowel resection
Publications:

**Daniel H. Teitelbaum Grant**

Awardee: Vikram K. Raghu, MD, MS
Grant Year: 2021
Grant Title: Optimal Lipid Supplementation Strategy for the Prevention and Treatment of Parenteral Nutrition-Associated Liver Disease in Children with Intestinal Failure

Abstracts:
1. Vikram Raghu, MD, MS1; Wednesday Marie Sevilla, MD, MPH, CNSC2; Dale King, MD2; Feras Alissa, MD2; Kenneth Smith, MD, MS1; Jeffrey Rudolph, MD2. Current practices in lipid emulsion utilization in the prevention and treatment of pediatric intestinal failure-associated liver disease. ASPEN Nutrition Science & Practice Conference, March 26 – 29, 2022. Poster.

Publications:

Awardee: Liam McKeever, PhD, MS, RDN
Grant Year: 2017
Grant Title: Feeding the Critically Ill During Phases of Altered Redox Status (FEDOX): a Prospective Randomized Trial

Publications:

Abstracts:
C. Richard Fleming and Daniel H. Teitelbaum Grant

Awardee: Amber Hager RD
Grant Year: 2022
Grant Title: Serial evaluations of muscle mass, motor development and growth to determine sarcopenia expression and progression in young infants and children with end-stage liver disease before and after liver transplantation.

Abstracts:
1. Amber Hager, BSc, RD; Rebecca Zafrani-Miralles, BSc, MHA, RD; Sandra Thompson-Hodgetts, PhD, OT; Lesley Pritchard-Wiart, MScPT, PhD; Vera Mazurak, PhD; Susan Gilmour, MD, MSc, FRCPC; Diana Mager, MSc, PhD, RD. Measures of Muscle Thickness Are Good Surrogates for Fat-Free Mass and Fat Mass Determinations in Healthy Infants and Young Children. ASPEN Nutrition Science & Practice Conference, April 20–23, 2023. Oral Paper Session. Best International Abstract.

Awardee: Debora Melo van Lent, PhD
Grant Year: 2020
Grant Title: Relationships between the Dietary Inflammatory Index and MRI markers of brain aging and markers of cerebral small vessel disease, and PET imaging biomarkers of Alzheimer’s disease.

Abstracts:

Publications:
1. Debora Melo Van Lent, Hannah Gokingco, Meghan I. Short, Changzheng Yuan, Paul F. Jacques, José R. Romero, Charles S. DeCarli, Alexa S. Beiser, Sudha Seshadri, Jayandra J. Himali, Mini E. Jacob, Higher Dietary Inflammatory Index scores are associated with brain MRI markers of brain aging: Results from the Framingham Heart Study Offspring cohort. Alzheimer’s & Dementia, the Journal of the Alzheimer’s Association. 2022 May https://doi.org/10.1002/alz.12685

Small Research Project Grant

Awardee: Nicole Gavin, PhD
Grant Year 2015
Grant Title: The safety of parenteral nutrition regarding microbial growth and vascular
catheter-related infection (The FACT Study)

Publications:

Abstracts:
CNW2017, 3 submissions:
CONTROL ID: 2600946
TITLE: Does a dedicated lumen for parenteral nutrition administration reduce the risk of catheter-related bloodstream infections? A systematic literature review.
CONTROL ID: 2595964
TITLE: A dynamic model for the investigation of touch contamination in intravascular device-related infections
CONTROL ID: 2600934
TITLE: Does parenteral nutrition increase the risk of vascular catheter-related bloodstream infection? A systematic literature review.

Awardee: Allison Buti – Shapiro, PhD, MPH
Grant Year: 2014
Grant Title: Investigating the Mediating Roles of Sirtuin 1 and PPAR-γ in the Relationship between Maternal Dietary Niacin Intake and Infant Adiposity

Publications:
Accepted Feb 2016
Submitted

Abstracts:
Poster Presentations:

**Oral Presentations:**
3. American Diabetes Association 75th Scientific Sessions (June 2015). Nicotinamide promotes adipogenesis in umbilical cord-derived mesenchymal stem cells and corresponds to neonatal adiposity: The Healthy Start study Shapiro ALB, Boyle KE, Dabelea D, Patinkin Z, Glueck D, Barbour LA, Norris J, Friedman JE

**Awardee: Rebecca Persinger-Soultanakis, MS, RD**
Grant Year: 2001
Grant Title: Evaluation of catabolic and anabolic cytokines in skeletal muscle tissue from cachectic individuals with chronic heart failure (CHF)

**Publications:**

**Awardee: Bobbi Langkamp-Henken, PhD**
Grant Year: 1998
Grant Title: Effect of dietary supplementation of arginine on immune function in nursing home residents with pressure ulcers

**Publications:**

**Abstracts:**
1. Suarez MF, Herrlinger-Garcia KA, Bender BS, Nieves, Jr. C, Langkamp-Henken B.
Arginine supplementation enhances in vitro but not in vivo immune responses in mice. 

Further Funding:
NIH

Awardee: Charlene Compher, PhD, RD
Grant Year: 1997
Grant Title: Effects of intracolonic butyrate infusion on abberant crypt foci in male fischer 344 rat exposed to azoxymethane.

Publications:

Presentations:

Awardee: Catherine Klein, PhD, RD
Grant Year: 1997
Grant Title: Magnesium and zinc balance in critically ill patients treated with continuous renal replacement therapy.

Publications:

Abstracts:

Presentations:
6. “Management of Nutrition Care after Traumatic Injury. Walter Reed Army Medical Center Dietetic Internship; R Adams Cowley Shock Trauma Center, Baltimore, MD; May
7. “Overfeeding Macronutrients to Critically Ill Adults: Metabolic Complications” teleconference in the “Nutrition Updates” series for the University of Texas Health Science Center at San Antonio, San Antonio, Texas. Wednesday, June 16, 1999.

Media mention:

Further Funding:
Dietitians in Nutrition Support-American Dietetic Association

Awardee: Kelly Tappenden, PhD, RD
Grant Year: 1996
Grant Title: The effect of SCFA supplemented TPN on multi-organ response to intestinal resection

Publications:

Awardee: Stephanie Brooks, MS, RD
Grant Year: 1995
Grant Title: Comparison of muscle function testing in HIV infected subjects and non-infected controls as an index of nutritional status.

Publications:

Awardee: Deborah Andris, RN, MS, ARNP
Grant Year: 1994
Grant Title: The impact of antibiotic lock on microbial surface colonization of silicone catheters

Publications:


**Awardee: Carol Braunschweig, PhD, RD**
Grant Year: 1994
Grant Title: The metabolic role of zinc in acute phase response

**Publications:**

**Further Funding:**
1. NIH
2. American Cancer Society
3. University of Illinois at Chicago

**Awardee: Lisa Freeman, PhD, DVM**
Grant Year: 1994
Grant Title: The role of cytokines in canine cardiac cachexia

**Publications:**

**Abstracts:**

**COVID-19 and Nutrition Research Grant**

**Awardee: Gail Cresci, PhD, RD**
Grant Year: 2021
Grant Title: Does Enteral Feeding Impact Gut “Omics”, Intestinal Integrity and Clinical Outcomes in Critically Ill COVID-19 Patients?

**Abstracts:**

2. Joshua Veith, MD, MSCE; Mary Rath, MEd, RD, LD, CNSC; Alaa Nawaya, MS, RD, LD, CNSC; A. Christine Hummell, MS, RD, LD, CNSC; Mohamed Tausif Siddiqui, MD, CNSC; Eduardo Mireles-Cabodevila, MD; Gail Cresci, PhD, RD, LD. Applying Implementation Science to Increase Enteral Feeding Utilization in Mechanically Ventilated Patients. ASPEN Nutrition Science & Practice Conference, April 20–23, 2023. *JPN* 2023;47