



**A.S.P.E.N. Rhoads Research Foundation Awardee Publications
Related to Foundation Grants**

Updated December 2011

Small Grants

Deborah Andris, RN, MS, ARNP 1994 Small grant (\$5000)

Andris DA, Krzywda EA, Edmiston CE, Krepel CJ, Gohr CM. Elimination of intraluminal colonization by antibiotic lock in silicone vascular catheters. *Nutrition*. 1998 May;14(5):427-32.

Krzywda EA, Andris DA, Edmiston CE Jr, Quebbeman EJ Treatment of Hickman catheter sepsis using antibiotic lock technique. *Infect Control Hosp Epidemiol*. 1995 Oct;16(10):596-8.

Krzywda EA, Andris DA. Twenty-five years of advances in vascular access: bridging research to clinical practice. *Nutr Clin Pract*. 2005 Dec;20(6):597-606.

Carol Braunschweig, PhD, RD 1994 Small grant (\$2500)

Braunschweig CL, Sowers M, Kovacevich DS, Hill GM, August DA. Parenteral zinc supplementation in adult humans during the acute phase response increases the febrile response. *J Nutr*. 1997 Jan;127(1):70-4

Lisa Freeman, PhD, DVM 1994 Small grant (\$2500)

Freeman LM, Rush JE, Kehayias JJ, Ross JN Jr, Meydani SN, Brown DJ, Dolnikowski GG, Marmor BN, White ME, Dinarello CA, Roubenoff R Nutritional alterations and the effect of fish oil supplementation in dogs with heart failure. *J Vet Intern Med*. 1998 Nov-Dec;12(6):440-8.

Stephanie Brooks, MS, RD 1995 Small grant (\$5000)

Brooks SD, Gerstman BB, Sucher KP, Kearns PJ The reliability of muscle function analysis using different methods of stimulation. *JPEN J Parenter Enteral Nutr*. 1998 Sep-Oct;22(5):331-4.

Kelly Tappenden, PhD, RD 1996 Small grant (\$5000)

Tappenden KA, McBurney MI. Systemic short-chain fatty acids rapidly alter gastrointestinal structure, function, and expression of early response genes. *Dig Dis Sci*. 1998 Jul;43(7):1526-36.

Charlene Compher, PhD, RD 1997 Small grant (\$5000)

Compher CW, Frankel WL, Tazelaar J, Lawson JA, McKinney S, Segall S, Kinosian BP, Williams NN, Rombeau JL. Wheat bran decreases aberrant crypt foci, preserves normal proliferation, and increases intraluminal butyrate levels in experimental colon cancer. *JPEN J Parenter Enteral Nutr*. 1999 Sep-Oct;23(5):269-77; discussion 277-8.

PhD Dissertation Compher C. Dietary Wheat Bran Protects Against Induced Colon Carcinogenesis – An Examination of Potential Mechanisms. Thesis – Drexel University, June, 1999. Thesis advisors: S. McKinney, Ph.D., S. Segall, Ph.D.

Catherine Klein, PhD, RD 1997 Small grant (\$5000)

Klein CJ, Moser-Veillon PB, Schweitzer A, Douglass LW, Reynolds HN, Patterson KY, Veillon C. Magnesium, calcium, zinc, and nitrogen loss in trauma patients during continuous renal replacement therapy. *JPEN J Parenter Enteral Nutr.* 2002 Mar-Apr;26(2):77-92; discussion 92-3.

Klein CJ, Nielsen FH, Moser-Veillon PB. Trace element loss in urine and effluent following traumatic injury. *JPEN J Parenter Enteral Nutr.* 2008 Mar-Apr;32(2):129-39.

Klein CJ, Reynolds HN, Moser-Veillon PB. Continuous hemodialysis as a treatment option for acute renal failure induced by contrast material. [letter] *Radiology* 1998;207:270. *Clinical significance*; first to establish that continuous renal replacement therapy clears iodide (from radio contrast material) from blood.

Bobbi Langkamp-Henken, PhD 1998 Small grant (\$5000)

Langkamp-Henken B, Herrlinger-Garcia KA, Stechmiller JK, Nickerson-Troy JA, Lewis B, Moffatt L. Arginine supplementation is well tolerated but does not enhance mitogen-induced lymphocyte proliferation in elderly nursing home residents with pressure ulcers. *JPEN J Parenter Enteral Nutr.* 2000 Sep-Oct;24(5):280-7.

Nieves C Jr, Langkamp-Henken B. Arginine and immunity: a unique perspective. *Biomed Pharmacother.* 2002 Dec;56(10):471-82.

Scholl D, Langkamp-Henken B. Nutrient recommendations for wound healing. *J Intraven Nurs.* 2001 Mar-Apr;24(2):124-32. Review.

Rose Ann DiMaria-Ghalili, PhD, RN 2000 Small Grant - Fleming (\$5000)

DiMaria-Ghalili, R., et al. (2003). A comparison of changes in weight and patterns of recovery in older vs. younger persons undergoing CABG: A follow-up study. In *17th Annual Meeting of the Southern Nursing Research Society Meeting, Program Manual.*

DiMaria-Ghalili, R., et al. (2002). Comparison of weight changes and patterns of recovery in older and younger persons undergoing CABG surgery: A follow-up study. In *7th National Nursing Research Conference Proceedings.*

DiMaria-Ghalili, R., & Norman, R. (2001). Comparison of weight changes in older and younger persons undergoing CABG surgery. In *15th Annual Meeting of the Southern Nursing Research Society Meeting, Conference Proceedings.*

DiMaria-Ghalili, R., & Norman, R. (2001). Comparison of weight changes in older and younger persons undergoing CABG surgery. *Journal of Parenteral and Enteral Nutrition*, 25, 1, p. S12.

Philip Pearson, MD 2000 Small Grant - Fleming (\$5000)

Kuenzler KA, Pearson PY, Schwartz MZ. Hepatocyte growth factor pretreatment reduces apoptosis and mucosal damage after intestinal ischemia-reperfusion. *J Pediatr Surg.* 2002 Jul;37(7):1093-7; discussion 1093-7.

Pearson PY, Yu D, Schwartz MZ. Transfection of the sodium/glucose cotransporter into colon mucosa: a novel treatment for short bowel syndrome. *J Pediatr Surg.* 2002 Jul;37(7):1076-80; discussion 1076-80.

Pearson PY, O'Connor DM, Schwartz MZ. Novel effect of leptin on small intestine adaptation. *J Surg Res.* 2001 May 15;97(2):192-5.

Alexander Dzakovic, MD 2001 Small Grant - Yoshimura (\$5000)

Dzakovic A, Kaviani A, Eshach-Adiv O, Perez-Atayde A, Ling PR, Yu M, Bistran B, Jaksic T. Trophic enteral nutrition increases hepatic glutathione and protects against peroxidative damage after exposure to endotoxin. *J Pediatr Surg.* 2003 Jun;38(6):844-7.

Rebecca Persinger-Soultanakis, MS, RD 2001 Small grant (\$5000)

Persinger R, Janssen-Heininger Y, Wing SS, Matthews DE, LeWinter MM, Toth MJ. Effect of heart failure on the regulation of skeletal muscle protein synthesis, breakdown, and apoptosis. *Am J Physiol Endocrinol Metab.* 2003 May;284(5):E1001-8.

Roland Dickerson, PharmD 2002 Small Grant -Yoshimura (\$5000)

Dickerson RN, Mason DL, Minard G, Croce MA, Brown RO. Evaluation of an artificial neural network to predict urea nitrogen appearance for critically ill multiple trauma patients. JPEN Journal of Parenteral and Enteral Nutrition 2005;29: 429-435.

Dickerson RN, Tidwell AC, Minard G, Croce MA, Brown RO. Predicting total urinary nitrogen excretion from urinary urea nitrogen excretion in multiple trauma patients receiving specialized nutrition support. Nutrition. 2005;21:332-338.

Jennifer Muir Bowers, PhD, RD 2002 Small Grant (\$5000)

Dissertation Support *Cytokine Response in Malnutrition and Severe Fatigue Related to Coccidioidomycosis*. University of Arizona Wanda Howell, PhD 2002

Robert Chang, MD 2003 Small Grant - Fleming (\$5000)

Chang RW, Javid PJ, Oh JT, Andreoli S, Kim HB, Fauza D, Jaksic T. Serial transverse enteroplasty enhances intestinal function in a model of short bowel syndrome. Ann Surg. 2006 Feb;243(2):223-8.

Alisha Rovner, PhD 2004 Small Grant -Fleming (\$5000)

Fung EB, Kawchak DA, Zemel BS, Rovner AJ, Ohene-Frempong K, Stallings VA. Markers of bone turnover are associated with growth and development in young subjects with sickle cell anemia. Pediatr Blood Cancer. 2008 Mar;50(3):620-3.

Julian Spallholz, PhD 2005 Small Grant -Yoshimura (\$5000- \$7,750 awarded)

P. La Porte, M. Zuberi, M. Alauddin, S. Ahmed, W. Chowdhury, D. Dhar, A. Ullah, C., Marshall, D. Robertson, M. Boylan, L, P. Westfall, S. Umbaugh, J. Feldmann, P. Tchounwou, P. Varghsse, J, Spallholz The Bangladesh Arsenic-Selenium Consortium Arsenic And Selenium In Hair From Ten Geographic Regions Of Bangladesh International Se Meeting in Madison, WI July 06 Yoshimura Small Grant Award helped lead to an American Cancer Society and NIH funded clinical field trial completed in 2008. Publications to come- more info at www.selenium-bangladesh.org

Matthew C. Koopman, MD 2009 Small Grant- Fleming (\$5000)

M.C. Koopmann, D.M. Ney, X. Chen, J.J. Holst Sustained Glucagon-like Peptide-2 Infusion is Required for Intestinal Adaptation and Cessation Reverses Increased Cellularity in Rats with Intestinal Failure. Accepted for presentation at the 2011 Clinical Nutrition Week, Jan. 30-Feb 1, 2011, Vancouver, BC.

Lindsay Weitzel, PhD 2010 Small Research Progress Grant (\$7000)

L.B. Weitzel, L. Khailova, K. Queensland, P. Wischmeyer, J.A. Dominguez, D.K. Heyland. Epidermal Growth Factor is Depleted and Predicts Sequential Organ Failure Assessment Score in Adult ICU Patients. Accepted for presentation at the 2011 Clinical Nutrition Week, Jan. 30-Feb 1, 2011, Vancouver, BC. Available at: <http://pen.sagepub.com/content/35/1/131/suppl/DC1>

CNW12 Abstract Lindsay Weitzel. A Randomized Controlled Pilot Trial of Glutamine in Patients Undergoing Cardiac Surgery: Oral Glutamine Reduces Myocardial Injury and Peri-Operative Complications

Yongjia Feng PhD 2011 Small Grant Fleming (\$5000)

CNW12 Abstract. Yongjia Feng. Refeeding After TPN Leads to a Pro-Inflammatory State within the Intestinal Mucosa

Large Grants

Malcolm Robinson, MD 1996 & 1997 Large Grant - Shils (\$25,000 for 2 years)

Robinson MK, Rustum RR, Chambers EA, Rounds JD, Wilmore DW, Jacobs DO. Starvation enhances hepatic free radical release following endotoxemia. *J Surg Res.* 1997 May;69(2):325-30.

Robinson MK Glutamine protects intestinal epithelial cells: role of inducible HSP70. *JPEN J Parenter Enteral Nutr* 1998 22: 183-184.

Deborah Swartz-Basile, PhD 1998 & 1999 Large Grant - Shils (\$25,000- 2 yrs)

Swartz-Basile DA, Rubin DC, Levin MS. Vitamin A status modulates intestinal adaptation after partial small bowel resection. *JPEN J Parenter Enteral Nutr.* 2000 Mar-Apr;24(2):81-8.

Swartz-Basile DA, Wang L, Tang Y, Pitt HA, Rubin DC, Levin MS. Vitamin A deficiency inhibits intestinal adaptation by modulating apoptosis, proliferation, and enterocyte migration. *Am J Physiol Gastrointest Liver Physiol.* 2003 Aug;285(2):G424-32.

Kelly Tappenden, PhD, RD 1999 & 2000 Large Grant (\$25,000 x 2 yrs)

Kles KA, Turner JR, Tappenden KA. 2001 Harry M. Vars Research Award. Enteral nutrients alter enterocyte function within an in vitro model similar to an acute in vivo rat model during hypoxia. *JPEN J Parenter Enteral Nutr.* 2002 Mar-Apr;26(2):71-6.

Tappenden KA. Provision of phosphorylatable substrate during hypoxia decreases jejunal barrier function. *Nutrition.* 2002 Feb;18(2):168-72.

Kles KA, Wallig MA, Tappenden KA. Luminal nutrients exacerbate intestinal hypoxia in the hypoperfused jejunum. *JPEN J Parenter Enteral Nutr.* 2001 Sep-Oct;25(5):246-53.

N. Joseph Espat, MD 2000 & 2001 Large Grant - Shils (\$25,000 x 2 yrs)

Babcock TA, Kurland A, Helton WS, Rahman A, Anwar KN, Espat NJ. Inhibition of activator protein-1 transcription factor activation by omega-3 fatty acid modulation of mitogen-activated protein kinase signaling kinases. *JPEN J Parenter Enteral Nutr.* 2003 May-Jun;27(3):176-80; discussion 181.

Mikhail AT, Babcock TA, Jho DH, Helton WS, Brodsky IG, Espat NJ. Modulation of the ubiquitin-proteasome proteolytic pathway by eicosapentaenoic acid supplementation in a model of progressive malignancy. *JPEN J Parenter Enteral Nutr.* 2003 Mar-Apr;27(2):105-9.

Novak TE, Babcock TA, Jho DH, Helton WS, Espat NJ. NF-kappa B inhibition by omega -3 fatty acids modulates LPS-stimulated macrophage TNF-alpha transcription. *Am J Physiol Lung Cell Mol Physiol.* 2003 Jan;284(1):L84-9.

Jho D, Babcock TA, Helton WS, Espat NJ. Omega-3 fatty acids: implications for the treatment of tumor-associated inflammation. *Am Surg.* 2003 Jan;69(1):32-6.

James Scolopio, MD 2001 Large Grant (\$25,000)

Ferrone M, Scolopio JS. Teduglutide for the treatment of short bowel syndrome. *Ann Pharmacother.* 2006 Jun;40(6):1105-9. Epub 2006 May 16. Review

Jeppesen PB, Sanguinetti EL, Buchman A, Howard L, Scolopio JS, Ziegler TR, Gregory J, Tappenden KA, Holst J, Mortensen PB. Teduglutide (ALX-0600), a dipeptidyl peptidase IV resistant glucagon-like peptide 2 analogue, improves intestinal function in short bowel syndrome patients. *Gut.* 2005 Sep;54(9):1224-31.

Paul Wischmeyer, MD 2002 Large Grant - Shils (\$25,000)

Wischmeyer PE, Jayakar D, Williams U, Singleton KD, Riehm J, Bacha EA, Jeevanandam V, Christians U, Serkova N. Single dose of glutamine enhances myocardial tissue metabolism, glutathione content, and improves myocardial function after ischemia-reperfusion injury. *JPEN J Parenter Enteral Nutr.* 2003 Nov-Dec;27(6):396-403.

Wischmeyer PE, Vanden Hoek TL, Li C, Shao Z, Ren H, Riehm J, Becker LB. Glutamine preserves cardiomyocyte viability and enhances recovery of contractile function after ischemia-reperfusion injury. *JPEN J Parenter Enteral Nutr.* 2003 Mar-Apr;27(2):116-22.

Bruce Grossie, PhD 2003 & 2004 Large Grant (\$25,000 x 2 yrs)

Grossie B, Edwards J, Rogiers R, Hussein D. Temporal response of arginine but not nitric oxide in plasma and exudate of an inflammatory site for rats receiving pre-enteral nutrition with citrulline or ornithin substituted for arginine. (Scientific exchange poster CNW 2005) *JPEN J Parenter Enteral Nutr.* 2005 Jan-Feb;29(1):S29.

Hua Yang, MD, PhD 2004 Large Grant - Shils (\$25,000)

Yang H, Feng Y, Sun X, Teitelbaum DH: Enteral versus parenteral nutrition: effect on intestinal barrier function. *Annals of the New York Academy of Sciences.* Accepted.

Yang H, Gumucio DL, Teitelbaum DH: Intestinal Specific Over-expression of Interleukin-7 Attenuates the Alteration of Intestinal Intraepithelial Lymphocytes after TPN Administration. *Annals of Surgery* 2008 Nov. [Epub ahead of print].

Yang H, Madison B, Gumucio DL, Teitelbaum DH: Specific overexpression of IL-7 in the intestinal mucosa: the role in intestinal intraepithelial lymphocyte development. *American Journal of Physiology* 2008; 294:G1421-G1430.

Yang H, Sun XY, Haxhija E, Teitelbaum DH: Intestinal epithelial cell-derived interleukin-7: A mechanism for the alteration of intraepithelial lymphocytes in a mouse model of total parenteral nutrition. *American Journal of Physiology* 2007; 292(1):G84-91.

Yang H, Spencer AU, Teitelbaum DH: Interleukin-7 administration alters intestinal intraepithelial lymphocyte phenotype and function in vivo. *Cytokine.* 2005 Sep 21;31(6):419-28.

Carrie Earthman, PhD, RD 2005 & 2006 Large Grant (\$25,000 x 2 yrs)

Dobratz JR, Sibley SD, Beckman TR, Valentine BJ, Kellogg TA, Ikramuddin S, Earthman CP. Predicting energy expenditure in extremely obese women. *JPEN J Parenter Enteral Nutr.* 2007 May-Jun;31(3):217-27.

Dobratz JR, Sibley SD, Beckman TR, Valentine BJ, Kellogg TA, Ikramuddin S, and Earthman CP. Comparison of handheld to metabolic cart indirect calorimetry for resting energy expenditure assessment in extremely obese women. *Topics in Clinical Nutrition* 2007;22(2):115-129.

Mager JR, Sibley SD, Beckman TR, Kellogg TA, Earthman CP. Multifrequency bioelectrical impedance analysis and bioimpedance spectroscopy for monitoring fluid and body cell mass changes after gastric bypass surgery. *Clin Nutr.* 2008 Dec;27(6):832-41.

Cooper JA, Watras AC, Luke A, Dobratz JR, Earthman CP, and Schoeller DA. Assessing validity and reliability of resting metabolic rate in five gas analysis systems. *J Am Diet Assoc.* 2009;109:128-132.

Beckman LM, Beckman TR, Earthman CP. Changes in gastrointestinal hormones and leptin after Roux-en-Y gastric bypass procedure: a review. *J Am Diet Assoc.* 2010 Apr;110(4):571-84. Review.

Beckman LM, Earthman CP. Changes in gastrointestinal hormone and leptin after Roux-en Y gastric bypass surgery. Presented at A.S.P.E.N. Clinical Nutrition Week meeting. Feb. 2010 Las Vegas, NV.

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 following gastric bypass surgery and a physiological model of body water, fat, and muscle composition. *J Appl Physiol.* 2010 Sep;109(3):786-95.

Beckman, LM, Compher C, Muniz J, Sibley SD, Beckman TR, Mager JR, Ikramuddin S, Kellogg TA, Earthman CP. Serum 25-OH Vitamin D Improves after Gastric Bypass Surgery. *ESPEN* September 2010, Nice, FRANCE.

Beckman, LM, Thomas W, Sibley SD, Beckman TR, Mager JR, Kellogg TA, Ikramuddin S, Earthman CP. Protein Supplementation in the Early Post-Operative Period Following Gastric Bypass Surgery A.S.P.E.N. Clinical Nutrition Week Jan. 2011, Vancouver, BC, CANADA

Earthman CP, Beckman LM, Masodkar K, Sibley SD. The link between obesity and low circulating 25-hydroxyvitamin D concentrations: considerations and implications. *Int J Obes (Lond)*. 2011 Jun 21. doi: 10.1038/ijo.2011.119. [Epub ahead of print]

Beckman LM, Beckman TR, Sibley SD, Thomas W, Ikramuddin S, Kellogg TA, Ghatei MA, Bloom SR, le Roux CW, Earthman CP Changes in gastrointestinal hormones and leptin after Roux-en-Y gastric bypass surgery. *JPEN J Parenter Enteral Nutr*. 2011 Mar;35(2):169-80.

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 following gastric bypass surgery and a physiological model of body water, fat, and muscle composition. *J Appl Physiol*. 2010 Sep;109(3):786-95. Epub 2010 Jun 17.

CNW12 Abstract. Carrie Earthman. Quality of life using a validated obesity-specific questionnaire improves early after gastric bypass surgery

CNW12 Abstract . Carrie Earthman. Subjective satiety improves early after gastric bypass surgery

Steven Steiner, MD 2005 Large Grant (\$15,500)

Steiner S, Noe J, Denne S. Albumin Synthesis Rates in Newly Diagnosed Pediatric Crohn's Disease and in Response to Initial Corticosteroid Therapy. Abstract presented at A.S.P.E.N. Clinical Nutrition Week meeting Feb. 2010 Las Vegas, NV.

Trauernicht AK, Steiner SJ. Serum Antibodies and Anthropometric Data at Diagnosis in Pediatric Crohn's Disease. *Dig Dis Sci*. 2011 Nov 11. [Epub ahead of print]

Catherine Crill, PharmD 2005 Maurice Shils Grant (\$25,000)

CM Crill, EM Tillman, RA Helms. Light Exposure During Parenteral Nutrition Preparation and Infusion and its Effect on Amino Acid Concentrations. Presented at 2011 Clinical Nutrition Week, Jan. 30-Feb. 1, 2011, Vancouver, BC. Available at: <http://pen.sagepub.com/content/35/1/131/suppl/DC1>

CNW 12 Abstract. Catherine Crill. Evaluation of parenteral nutrition-associated liver disease in infants with necrotizing enterocolitis before and after the implementation of feeding guidelines.

Renee Stapleton, MD 2006 Large Grant Yoshimura B.Braun (12,500)

Stapleton RD, Martin TR, Weiss NS, Crowley JJ, Gundel SJ, Nathens AB, Akhtar SR, Ruzinski JT, Caldwell E, Curtis JR, Heyland DK, Watkins TR, Parsons PE, Martin JM, Wurfel MM, Hallstrand TS, Sims KA, Neff MJ. A phase II randomized placebo-controlled trial of omega-3 fatty acids for the treatment of acute lung injury. *Crit Care Med*. 2011 Jul;39(7):1655-62.

Barbara Stoll, PhD 2007 & 2008 Large Grant - Shils (\$25,000 x 2 yrs)

Stoll B, Puiman PJ, Burrin DG. Continuous parenteral versus enteral nutrition induces glucose intolerance and hyperinsulinemia in neonatal piglets. *Pedi Res*. E-PAS2008:633050.2.

Stoll B, Puiman PJ, Burrin DG. Continuous parenteral versus enteral nutrition induces glucose intolerance and hyperinsulinemia in neonatal piglets. *Pedi Res*. E-PAS2008:633050.2.

Stoll B, Puiman P, Benight N, Bauchart-Thevret C, Burrin DG. Continuous nutrient administration decreases insulin sensitivity in neonatal pigs. *JPEN*. 2009, 33:202.

Stoll B, Puiman PJ, Benight N, Bauchart C, Burrin DG. Decreased insulin sensitivity due to continuous nutrient administration in neonatal pigs. *FASEB J* 2009, 23:33.3.

Stoll B, Puiman PJ, Benight N, Bauchart-Thevret C, Burrin DG. Continuous administration of an elemental diet induces insulin resistance in neonatal pigs. ESPR Conference, October 9-12, 2009, Hamburg, Germany.

Stoll B, Horst DA, Cui L, Chang X, Ellis KJ, Hadsell DL, Suryawan A, Kurundkar A, Maheshwari A, Davis TA, Burrin DG. Chronic parenteral nutrition induces hepatic inflammation, steatosis, and insulin resistance in neonatal pigs. *J Nutr.* 2010 Dec;140(12):2193-200.

CNW 12 Abstract. Barbara Stoll Insulin resistance induced by continuous parenteral or enteral nutrition is associated with impaired insulin signaling and GLP-1 secretion in neonatal pigs.

Gerdien Ligthart-Melis 2009 & 2010 Norman Yoshimura Grant

G.C. Ligthart-Melis, N.D. te Boveldt, D.L. van der Peet, H.M. Verheul, Perioperative nutritional treatment is d with improved postoperative outcome in patients with esophageal, gastric or pancreatic cancer. Accepted for ion at the 2011Clinical Nutrition Week, Jan. 30-Feb 1, 2011,Vancouver, BC.

M.A. Vermeulen, P.A. van Leeuwen, G.C. Ligthart-Melis, P. Bet, A. Beishuizen, C.H. Dejong,; N.E. Deutz. Amino acid metabolism in critically ill patients: Tracer methodology in the fed and postabsorptive state. Accepted for presentation at the 2011Clinical Nutrition Week, Jan. 30-Feb 1, 2011,Vancouver, BC.

Diana Mager 2009 & 2010 Maurice Shils Grant t

D. Mager, C. Rodriguez-Dimitrescu, J. Yap, V. Mazurak, G. Ball, M. Jetha, G. Ball, J. Yap. How does a high saturated fat/low polyunsaturated meal influence postprandial lipid metabolism in children and adolescents with nonalcoholic fatty liver disease? Accepted for presentation at the 2011Clinical Nutrition Week, Jan. 30-Feb 1, 2011, Vancouver, BC. Available at: <http://pen.sagepub.com/content/35/1/131/suppl/DC1>

CNW12 Abstract. Diana Mager. Acute intake of saturated fat/polyunsaturated fat influences postprandial lipid and lipoprotein metabolism in children with nonalcoholic fatty liver disease (NAFLD).

Disclaimer:

Confirmations of the relevance of publications to the work done as a result of Foundation grants were sought, but were not definitively established in a few instances, as of the publication date of 12-27-2011.